C 21.14/2: C 74/985

PENNSYLVANIA STATE UNIVERSITY
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DOCUMENTS

CONCORDANCE

FIFTH EDITION—1985

U.S. DEPARTMENT OF COMMERCE/Patent and Trademark Office

United States Patent Classification to International Patent Classification

U.S. Class 2

Apparel

(IPC A 41 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 41 D	
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		1/04
3	A 42 B	1/08
		3/00
	A 62 B	18/00
	F 41 H	1/04
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5	A 42 B	3/00
6	A 42 B	3/00
		3/02
	A 62 B	18/00
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	A 61 F	9/00
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	A 47 J	45/10
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22–24	A 41 D	13/00
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65, 66	A 41 D	5/00
67	A 41 D	5/00
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68	A 42 B	1/12
69–72	A 41 B	
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84	A 41 D	
85	A 41 D	3/02
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88	A 41 D	3/08
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104	A 41 D	1/20
105	A 41 D	1/22
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108	A 41 D	1/02
109–110	A 41 B	9/00
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113	A 41 B	9/06
114	A 41 B	9/00
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116	A 41 B	1/00
		3/04
117	A 41 B	1/00
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121	A 41 B	1/08
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124	A 41 B	7/04
		7/06
		7/10
125, 126	A 41 B	1/08
		27/10
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128	A 41 B	1/10
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146	A 41 D	25/06
147	A 41 D	25/00
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		25/14
154	A 41 D	25/08
		25/16
155, 156	A 41 D	25/16
157	A 41 D	25/00
158	A 41 D	
159–168	A 41 D	19/00
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171.3–171.8	A 42 C	5/04
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173	A 42 B	1/18
173.5–177	A 42 B	
178–180	A 42 C	5/00
181–182.8	A 42 B	
	A 42 C	5/0C
183	A 42 B	1/22
184	A 42 B	
	A 42 C	5/02
184.5	A 42 C	5/04
185–191	A 42 C	5/00
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		1/04
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197–201	A 42 B	1/02
		1/04
202–205	A 42 B	1/04
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207	A 42 B	5/00
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209.1	A 42 B	
209.3–209.7	A 42 B	
	A 42 C	5/04
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211–222	A 41 D	1/14
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227–235	A 41 D	1/06
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236, 237	A 41 D	1/06
		13/02
	A 41 F	9/00
238	A 41 D	
239, 240	A 41 B	11/00
	A 43 B	17/00
241	A 41 B	11/02
242	A 41 B	11/00
	A 41 D	17/02
243	A 41 D	
244	A 41 D	27/08
245	A 43 B	23/24
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	A 41 D	27/00
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		27/06
261.01–264	A 41 C	1/14
265	D 05 B	3/14
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		3/18
266	A 41 F	1/02
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268	A 41 D	27/26
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271	A 41 D	27/22
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275	A 41 D	27/24
279	A 41 B	15/00
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311–322	A 41 F	9/00
323–334	A 41 F	3/00
		19/00
335	A 41 F	11/00
		13/00
336	A 41 F	1/00
		19/00
337	A 41 F	19/00
338–340	A 41 F	3/02
		9/00
		15/00
341, 342	A 41 F	19/00

U.S. Class 3

Artificial body members

(IPC A 61 F)

U.S. Subclass	IPC Subclass	IPC Notation
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1.3	A 61 F	1/20
2	A 61 F	1/08
4, 5	A 61 F	3/00
6–8	A 61 F	1/08
12–12.8	A 61 F	1/06
13	A 61 F	1/16
14–16	A 61 F	1/08
17–20	A 61 F	1/02
		1/04
21	A 61 F	1/08
22–35	A 61 F	1/04
		1/08
36	A 41 C	3/10
	A 61 F	1/00

U.S. Class 4

Baths, closets, sinks and spittoons

(IPC A 47 K)

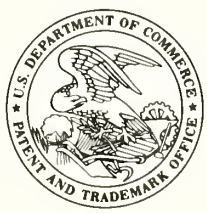
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2, 3	A 47 K	4/00
4	A 47 K	3/18
5	A 47 K	1/10
		1/12
6, 7	A 47 K	3/22
		11/08
8	B 61 D	35/00
9	A 47 K	4/00
		11/00
	E 03 D	5/00
10	E 03 D	1/00
		3/00
		5/00
11	E 03 D	1/22
		3/00
12	E 03 D	1/00
13	E 03 D	1/26
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14	E 03 D	11/02

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CONCORDANCE

United States Patent Classification to International Patent Classification



5th Edition—January 1985

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
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For sale by the Superintendent of Documents, U.S. Government Printing Office Washington, D.C. 20402

PREFACE

This Concordance is a guide for relating the United States Patent Classification System to the Fourth Edition of the International Patent Classification (IPC) as published for the World Intellectual Property Organization by Carl Heymanns Verlag KG, Munich.

Because of the difference in the philosophies of the two systems, a complete one-to one relationship has not been attained. Even where a single IPC notation is listed for a single U.S. subclass, a one-to-one translation should not be inferred.

As a result, an IPC group listing in this Concordance may be only a guide to a field of adjacent groups within the whole of which a different group may be found which is more closely aligned to the subject matter under consideration by the user.

Suggestions or inquiries relating to the content of this publication should be directed to:

COMMISSIONER OF PATENTS AND TRADEMARKS

ATTENTION: Administrator for Documentation
Washington, D.C. 20231

The present edition relates the U.S. Patent Classification, as revised to February 29, 1984, (Classification Order No. 929) to the Fourth Edition of the IPC, 1984.

U.S. Class 2

Apparel

(IPC A 41 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 41 D	
2	A 41 D	13/00
2.1	A 62 B	17/00
	B 63 C	11/04
	B 64 D	10/00
2.5	F 41 H	1/02
		1/04
4	A 42 B	3/00
5	A 42 B	3/00
6	A 42 B	3/00
		3/02
	A 62 B	18/00
7, 8	A 42 B	1/00
	A 61 F	9/00
9	A 41 D	13/00
	A 42 B	1/00
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		13/10
	A 61 F	9/00
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		13/06
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48–52	A 41 B	13/10
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67	A 41 D	5/00
		7/00
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75	A 41 D	11/00
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	A 41 F	9/00
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		13/02
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119	A 41 B	1/22
120	A 41 B	1/18
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124	A 41 B	7/04
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		7/10
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137, 138	A 41 B	3/12
139, 140	A 41 B	3/04
141	A 41 B	3/02
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144	A 41 D	25/00
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158	A 41 D	
159–168	A 41 D	19/00
169	A 41 D	19/02
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172	A 42 B	1/06
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185–191	A 42 C	5/00
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		1/04
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	A 42 C	5/04
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236, 237	A 41 D	1/06
		13/02
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	A 43 B	17/00
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242	A 41 B	11/00
	A 41 D	17/02
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245	A 43 B	23/24
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267	A 41 D	27/26
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271	A 41 D	27/22
272	A 41 D	27/02
273, 274	A 41 D	27/00
275	A 41 D	27/24
279	A 41 B	15/00
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423, 424	A 42 B	1/08
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426–454	A 61 F	9/02

U.S. Class 4

Baths, closets, sinks and spittoons

(IPC A 47 K)

U.S. Subclass	IPC Subclass	IPC Notation
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236	A 47 K	13/12
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240	A 47 K	13/12
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372	E 03 D	1/07
373, 374	E 03 D	1/08
375374	E 03 D	1/10
376, 377	E 03 D	1/06
378–391	E 03 D	1/34
392–404	E 03 D	1/35
405	E 03 D	5/00
406	E 03 D	5/10
407	E 03 D	5/12
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415, 416	E 03 D	1/00
417, 418	E 03 D	11/00
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420	E 03 D	11/00
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586	A 47 K	3/024
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588	A 47 K	3/064
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592	A 47 K	3/00

U.S. Class 4—Con.

U.S. Subclass	IPC Subclass	IPC Notation
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599, 600	A 47 K	3/22
		3/23
601–605	A 47 K	3/22
606	A 47 K	7/02
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621	A 47 K	3/022
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622	A 47 K	3/022
	A 61 H	35/00
	E 03 C	1/00
623	E 03 C	1/05
624	E 03 C	1/02
		1/16
625–627	A 47 K	1/00
628	A 47 K	5/00
		5/702
	E 03 C	1/18
		10/00
629	E 03 C	1/00
630	A 47 B	77/06
	A 47 K	1/04
	E 03 C	1/00
631	A 47 K	
	E 03 C	1/33
632	A 47 K	
632–636	E 03 C	1/33
637	A 47 B	77/06
	A 47 K	
	E 03 C	
638	A 47 B	
	E 03 C	1/186
639	A 47 K	1/12
		4/00
	E 03 C	1/01
640–642	E 03 C	1/01
643–645	A 47 K	1/05
	E 03 C	1/32
646	E 03 C	1/326
647, 648	E 03 C	1/322
649	E 03 C	1/33
650	A 47 K	1/04
	E 03 C	1/14
		1/18
		1/182
		1/182
651	E 03 C	1/24
652	E 03 C	1/264
653	E 03 C	1/02
		1/12
		1/182
654	A 47 K	
	E 03 C	
655	A 47 K	1/06
656	A 47 J	47/20
	A 47 L	19/02
		19/04
657	A 47 K	
	E 03 C	
658	A 47 J	47/20
	E 03 C	1/181
659	A 47 K	3/12
		3/164
660	E 03 C	
661	A 47 K	
	E 03 C	
662, 663	A 47 K	4/00
	E 03 C	1/01
664, 665	A 47 K	4/00
	E 03 C	1/01
666	E 03 C	9/00

U.S. Class 5

Beds

(IPC A 47 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 47 C	31/00
2	A 47 B	83/00
	A 47 0	11/00
3–7	A 47 B	83/00
	A 47 C	19/00
		19/08
	A 47 0	11/00
8, 9	A 47 C	19/00
	A 47 0	7/00
10	A 47 C	19/06
	A 47 0	7/04
11	A 47 C	31/00
12	A 47 C	17/00
13	A 47 C	17/04
14	A 47 C	17/06
15, 16	A 47 C	17/04
17–23	A 47 C	17/06
20	G 09 B	23/36
		23/38
24–50	A 47 C	17/04
40, 401	A 47 C	23/00
51–59	A 47 C	17/00
60	A 47 C	19/00
	A 61 G	7/00
61	A 61 G	7/10
62–65	A 61 G	7/00
66–80	A 61 G	7/06
81	A 61 G	7/08
82	A 61 G	1/00
83–88	A 61 G	7/10
89	A 61 G	1/00
90	A 61 G	7/02
93	A 47 0	7/00
		13/06
94–96	A 47 0	7/04
97–99	A 47 C	29/00
	A 47 0	7/00
100	A 47 0	7/02
101–104	A 47 0	9/00
105–109	A 47 0	9/02
		9/04
	B 02 B	
110–112	A 47 C	19/16
113	A 47 C	29/00
114–119	A 47 C	19/16
120–126	A 45 F	3/22
		3/36
127–130	A 45 F	3/24
131–132	A 47 C	19/00
133–173	A 47 C	19/06
174–180	A 47 C	19/12
181–185	A 47 C	19/04
186–229	A 47 C	19/00
230–235	A 47 C	23/08
236–238	A 47 C	23/06
239–245	A 47 C	23/08
246–277	A 47 C	23/02
		23/04
278–316	A 47 C	19/00
		23/00
308	A 47 C	19/22
402	A 47 C	31/02
	B 68 G	7/12
403–410	A 47 C	31/02
411	A 47 C	27/00
412	A 47 C	19/04
413, 414	A 47 C	29/00
415	B 62 B	9/14
416	A 45 F	4/06
		4/08
	A 47 G	9/08
417	A 47 G	9/06
418	A 45 F	1/14
	A 47 G	9/06
419, 420	A 47 G	9/06
421	A 47 C	21/04
	A 61 F	7/00
422	A 47 C	27/08
423	A 47 C	27/00
424	A 47 C	27/08
425	A 47 C	21/08
	A 47 0	7/00
426–430	A 47 C	21/08
431	A 47 C	20/00
432	A 47 C	20/00
		20/02
433	A 47 C	20/04
434–439	A 47 C	20/02
440	A 47 C	20/00
441–444	A 47 C	20/02
445	A 61 G	7/06
		7/10
446	A 47 C	20/02
447	A 47 C	20/00
448	A 47 C	27/00
449–454	A 47 C	27/08
455, 456	A 47 C	27/10
457, 458	A 47 C	27/08
459–462	A 47 C	27/00
463	A 61 G	7/02
464, 465	A 47 C	27/00
466, 467	A 47 C	31/08
468	A 47 C	27/00
469	A 47 C	21/04
470–472	A 47 C	31/02
473, 474	A 47 C	27/00
475–477	A 47 C	27/04
478, 479	A 47 C	27/045
480	A 47 C	27/00
481	A 47 C	27/14
		27/22
482	A 47 C	31/10
	A 47 G	9/00
483–487	A 47 G	9/00
488, 489	A 47 C	21/02
490	A 47 G	9/02
491–493	A 47 C	21/00
494–496	A 47 G	9/02
497	A 47 G	9/04
498	A 47 C	21/02
499, 500	A 47 C	31/00
501, 502	A 47 G	9/00
503	A 47 C	21/00
		31/00
504–506	A 47 C	21/02
507	A 47 B	23/02
508	A 47 C	21/00
		31/00
509–511	A 47 C	21/00
512, 513	A 47 G	5/00

U.S. Class 6

Bee culture

(IPC A 01 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 K	47/00
2, 3	A 01 K	47/02
		47/04
4	A 01 K	47/06
5	A 01 K	53/00
6	A 01 K	47/00
7	A 01 K	57/00
8	A 01 K	47/00
		47/06
9	A 01 K	49/00
10	A 01 K	47/02
		47/04
11	A 01 K	47/04
12	A 01 K	51/00
		57/00

U.S. Class 7

Compound tools

(IPC B 25 F)

U.S. Subclass	IPC Subclass	IPC Notation
100	B 25 F	1/00
101	G 04 0	
102	A 43 0	5/00
	B 68 F	
	C 14 B	19/00
103	A 47 G	27/04
104	E 21 C	37/22
105	A 46 B	
	B 44 C	7/00
	C 03 B	33/10
	E 04 F	21/28
106	A 01 K	69/00
	B 25 F	1/00
107	B 25 F	1/00
108	B 25 B	25/00
109	B 25 F	1/00
110–113	A 47 J	
	B 25 F	1/00
114–116	A 01 B	1/00
	A 01 0	1/00
		7/00
		9/00
		11/00
	B 25 F	1/00
117	B 25 F	1/00
118–120	B 26 B	11/00
121	B 25 F	1/00
	O 05 B	91/04
122	B 25 0	1/00
	B 25 F	1/00
	B 26 B	23/00
123	A 47 G	25/00
		25/80
		25/90
		25/90
124	B 43 L	19/02
125–137	B 25 B	7/22
138	B 25 B	13/00
	B 25 F	1/00
139, 140	B 25 B	13/10
	B 25 F	1/00
142	B 25 B	13/10
	B 25 F	1/00
143–147	B 25 0	1/04
148–150	B 25 F	1/00
	B 27 B	21/00
151–156	B 25 F	1/00
	B 67 B	7/00
157	B 25 F	1/00
158–163	B 26 B	11/00
165	B 25 B	15/00
166	B 66 F	15/00
167, 168	B 25 G	
169, 170	B 25 F	1/00

U.S. Class 8

Bleaching and dyeing fluid treatment and chem mod of textiles and fibers

(IPC D 06)

U.S. Subclass	IPC Subclass	IPC Notation
94.1	C 14 C	/00
	O 06	/00
	O 06 M	19/00
94.11	A 61 L	17/00
	A 63 B	51/02
	O 01 C	3/00
	O 01 F	5/00
94.12	C 14 C	1/00
94.13	C 14 C	11/00
		13/00
94.14	C 14 C	/00
	O 06 M	/00
94.15	C 14 C	1/00
94.16	C 14 C	1/06
94.17	C 14 C	1/00
		1/08
94.18	C 14 C	1/00
94.19	C 14 C	3/00
94.2–94.23	C 14 C	5/00
		11/00
94.24	C 14 C	3/18
94.25–94.26	C 14 C	3/02
		3/04
94.27	C 14 C	3/06
94.28–94.29	C 14 C	3/04
94.3	C 14 C	3/10
94.31	C 14 C	3/24
94.32	C 14 C	3/10
94.33	C 14 C	3/08
101–102	O 06 L	3/00
103	O 06 L	3/04
107	O 06 L	3/00
108–109	O 06 L	3/06
110	O 06 L	3/00
		3/10
111	O 06 L	3/02
		3/04
112	O 01 C	
	O 04 H	
114	O 06 M	
	O 06 Q	1/00
114.5	O 06 M	
	O 06 Q	
114.6	O 06 C	1/04
	O 06 Q	1/02
115	O 06 Q	1/02
115.5–115.6	O 06	
115.7	O 06 M	9/00
116	O 06 M	1/00
116.4	O 06 M	13/12
117	O 06 M	1/00
118	O 06 M	1/00
119	O 21 H	5/08
120	O 06 M	13/00
121	O 06 M	1/14
		13/20
122	O 06 M	1/00
		13/28
123	O 06 M	1/00
		11/00
125	O 06 M	1/02
127	O 06 M	1/02
127.5	O 06 M	3/00
127.51	A 61 K	7/06
127.6	O 06 M	
128	O 06 M	3/02
		13/00
129–130	O 06 M	1/00
		13/00
130.1	O 06 M	
131	O 06 M	5/00
132	O 06 M	5/26
133	O 06 M	
181–196	O 06 M	13/34
400	O 06 P	5/00
401	C 09 B	67/00
402	O 06 P	3/60
403	O 06 P	5/13
404	O 06 P	3/04
405–412	A 61 K	7/13
414–416	A 61 K	7/13
421	A 61 K	7/13
423–426	A 61 K	7/13
428, 429	A 61 K	7/13
431–433	A 61 K	7/13
435	A 61 K	7/13
436, 437	O 06 P	3/32
438, 439	C 09 B	61/00
440	C 09 B	67/34
441, 442	O 06 P	5/02
443	O 06 M	11/00
		13/00
		15/00
444	O 06 P	5/20
445	O 06 P	5/00
446–456	O 06 P	5/12
457–464	O 06 P	5/15
465	O 06 P	1/22
466	O 06 P	1/02
467–477	O 06 P	
478–487	O 06 P	5/00
488	O 06 P	
489	O 06 P	7/00
490	O 06 P	5/00
491	O 06 P	5/00
		7/00
492, 493	O 06 P	5/00
494–496	O 06 P	
497	O 06 P	7/00
498, 499	O 06 P	5/00
500	O 06 P	7/00
501–508	O 06 P	5/00
509	O 06 P	3/52
510, 511	O 06 P	3/70
512	O 06 P	3/52
513, 514	O 06 P	3/79
515	O 06 P	3/24
516	O 06 P	3/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 8—Con.		
517	D 06 P	3/14
		3/24
518, 519	D 06 P	3/60
520	D 06 P	3/58
521	D 06 P	3/00
522, 523	D 06 P	3/80
524–526	C 09 B	67/02
527, 528	C 09 B	67/00
529–534	D 06 P	3/82
535	D 06 P	3/58
536, 537	D 06 P	3/60
538	D 06 P	3/60
		3/70
539, 540	D 06 P	3/00
541–543	C 09 B	62/00
544	C 09 B	62/02
		62/54
546	C 09 B	62/00
547	C 09 B	62/02
		62/44
		62/62
548	C 09 B	62/00
549	C 09 B	62/00
		62/04
		62/20
		62/343
550–635	C 09 B	67/00
550	D 06 P	
636–638	C 09 B	
	D 06 P	
639	C 09 B	
640	C 09 B	49/00
641	C 09 B	
642	C 09 B	49/00
643, 644	C 09 B	
645	C 09 C	
646	C 09 B	61/00
647	C 09 B	69/10
648, 649	C 09 B	
650	C 09 B	67/28
651	C 09 B	9/00
652	C 09 B	49/00
653	C 09 B	7/00
654	C 09 B	44/00
655–658	C 09 B	
659	C 09 B	23/00
661	C 09 B	47/04
662–671	C 09 B	
672	C 09 B	69/08
673, 674	C 09 B	
675–679	C 09 B	1/00
		3/00
		5/00
		6/00
680, 681	C 09 B	
682–684	C 09 B	29/00
685, 686	C 09 B	45/00
688–696	C 09 B	29/00

U.S. Class 10

Bolt, nail, nut, rivet and screw making

(IPC B 23 G)

1	B 23 G	
2–10	B 21 H	3/02
		3/08
	B 23 G	9/00
11–27	B 21 K	1/44
		1/58
		1/64
		9/00
	B 23 G	9/00
28–42	B 21 G	3/26
43–54	B 21 G	3/20
55–58	B 21 G	3/00
59	B 21 G	3/10
60–71	B 21 G	3/00
72	B 21 D	53/20
		53/24
73	B 21 D	53/20
74	B 21 D	53/20
		53/24
75	B 21 D	53/24
76–80	B 21 D	53/20
		53/24
	B 21 J	5/12
81–84	B 21 D	53/24
85, 86	B 21 D	53/20
		53/24
87, 88	B 23 G	1/00
89	B 21 K	1/56
	B 23 G	1/00
90	B 23 G	1/00
91–93	B 23 G	1/08
		1/20
94–100	B 23 G	1/00
		5/12
101–103	B 23 G	1/00
105	B 23 G	11/00
106, 107	B 23 G	1/00
110, 111	B 23 G	5/00
113	B 23 G	1/26
		5/04
120	B 23 G	1/26
		5/04
120.5	B 23 G	1/26
		5/04
121	B 23 G	1/28
		5/08
123	B 23 G	5/04
128, 129	B 23 G	1/00
130, 132	B 23 G	1/08
		1/20
133–136	B 23 G	1/00
138, 139	B 23 G	1/00
140	B 23 G	5/20
141	B 23 G	5/06
		5/14
142	B 23 G	5/06
		5/14
143–145	B 23 G	5/16
152, 153	B 21 H	3/02
	B 23 G	7/00
155	B 23 P	19/08
156	B 21 G	5/00
157–161	B 21 G	5/00
162–178	B 21 G	3/32
	B 21 K	27/00

U.S. Class 12

Boot and shoe making

(IPC A 43 D)

1	A 43 D	
4.1	A 43 D	65/00
4.2	A 43 D	89/00
4.3	A 43 D	53/00
4.4	A 43 D	45/00
		47/00
4.5	A 43 D	53/00
4.6	A 43 D	85/00
7	A 43 D	21/00
		23/00
		75/00
7.1	A 43 D	7/00
		8/00
		23/00
		27/00
7.2	A 43 D	8/00
		23/00
7.3	A 43 D	44/00
		45/00
7.4	A 43 D	11/00
		45/00
7.5	A 43 D	43/00
		113/00
7.6	A 43 D	75/00
7.7	A 43 D	43/00
		113/00
7.8	A 43 D	43/00
7.9	A 43 D	15/00
8.1	A 43 D	21/12
8.2–8.5	A 43 D	21/00
		23/00
8.6	A 43 D	21/00
		23/00
8.7, 8.71	A 43 D	21/00
		23/00
8.8, 9	A 43 D	21/00
		23/00
9.1	A 43 D	21/00
		23/00
		43/00
10, 10.1	A 43 D	21/00
		23/00
10.2	A 43 D	75/00
10.21, 10.3	A 43 D	21/00
		23/00
10.4, 10.5	A 43 D	21/00
		23/00
10.6–10.8	A 43 D	75/00
11.2	A 43 D	75/00
11.3	A 43 D	21/00
		23/00
12	A 43 D	21/00
		23/00
12.1–12.5	A 43 D	21/00
		23/00
13.1	A 43 D	75/00
13.2	A 43 D	43/00
14.2–14.4	A 43 D	21/00
14.5	A 43 D	23/00
15	A 43 D	3/12
15.1	A 43 D	3/10
16	A 43 D	61/00
16.1	A 43 D	63/00
		89/00
16.2	A 43 D	25/12
16.3–16.5	A 43 D	63/00
		89/00
16.6, 16.7	A 43 D	27/06
17	A 43 D	25/00
		27/00
		29/00
		35/00
		37/00
		43/00
		65/00
		67/00
		69/00
		89/00
		95/00
17.2	A 43 D	119/00
18.1	A 43 D	95/00
18.2	A 43 D	25/14
18.3	A 43 D	31/00
		39/00
18.5–18.9	A 43 D	43/00
20, 20.2	A 43 D	43/06
21, 22	A 43 D	65/00
24.5	A 43 D	43/06
27, 28	A 43 D	43/00
29, 30	A 43 D	95/04
31.5, 31.6	A 43 D	87/00
32, 32.1	A 43 D	43/00
		91/00
33	A 43 D	89/00
33.1–33.8	A 43 D	89/00
34	A 43 D	89/00
34.5	A 43 D	89/00
35.5	A 43 D	89/00
36	A 43 D	89/00
36.5, 36.8	A 43 D	89/00
37, 38	A 43 D	89/00
39	A 43 D	63/00
39.3	A 43 D	91/00
39.5	A 43 D	95/00
40	A 43 D	8/00
40.5	A 43 D	31/00
41.05	A 43 D	63/00
41.1	A 43 D	8/52
		11/14
41.2	A 43 D	8/52
		11/14
41.3	A 43 D	95/06
41.5	A 43 D	11/14
		95/12
41.7	A 43 D	61/00
42	A 43 D	11/00
		21/00
		25/00
		27/00
		33/00
		65/00
		67/00
		83/00
		87/00
		95/00
42.5, 43	A 43 D	79/00
		83/00
43.5	A 43 D	69/00
46, 46.5	A 43 D	87/00
47, 47.1	A 43 D	87/00
48	A 43 D	65/00
49	A 43 D	95/06
49.1	A 43 D	25/12
		95/28
50	A 43 D	33/00
50.1, 50.2	A 43 D	33/00
50.3	A 43 D	25/00
50.4	A 43 D	33/00
50.5	A 43 D	115/00
51	A 43 D	8/00
		9/00
		11/00
		13/00
		25/00
		65/00
		95/00
52	A 43 D	11/00
52.5	A 43 D	11/00
		13/00
		15/00
		95/00
53.1	A 43 D	11/00
		13/00
		15/00
		95/00
53.2–53.8	A 43 D	11/00
		95/00
54.1–54.6	A 43 D	11/00
		95/00
55, 55.1	A 43 D	11/00
		95/00
57	A 43 D	85/00
57.1	A 43 D	85/00
57.5, 57.6	A 43 D	27/00
58	A 43 D	8/34
		115/00
58.3	A 43 D	1/00
		100/00
58.5	A 43 D	11/00
59	A 43 D	11/00
59.5, 59.7	A 43 D	11/00
61–63	A 43 D	8/00
64–66	A 43 D	65/00
67	A 43 D	45/00
		47/00
		57/00
67.1, 67.2	A 43 D	45/00
		47/00
		57/00
70	A 43 D	95/00
70.5	A 43 D	95/00
73.5	A 43 D	95/00
74.5	A 43 D	95/00
75.5	A 43 D	95/00
76.5	A 43 D	95/00
77, 77.5	A 43 D	95/00
78, 78.5	A 43 D	95/00
79	A 43 D	95/00
79.2–79.5	A 43 D	95/00
85	A 43 D	8/32
		8/36
		21/00
		27/00
		93/00
85.1–85.5	A 43 D	8/00
		21/00
		27/00
		93/00
85.9	A 43 D	8/00
		21/00
		27/00
		93/00
86–95	A 43 D	8/00
		21/00
		27/00
		33/00
		65/00
		67/00
		83/00
		87/00
		95/00
103–113	A 43 D	5/00
		15/00
		19/00
		95/00
114.2–114.8	A 43 D	5/00
		15/00
		19/00
		95/00
115.2–115.8	A 43 D	5/00
		15/00
		19/00
		95/00
116.2–116.8	A 43 D	5/00
		15/00
		19/00
		95/00
117.2, 117.4	A 43 D	5/00
		15/00
		19/00
		95/00
119.5	A 43 D	5/00
		15/00
		19/00
		95/00
120.5	A 43 D	5/00
		15/00
		19/00
		95/00
122	A 43 D	5/00
123	A 43 D	3/00
		25/10
123.3, 123.5	A 43 D	3/00
		23/00
124–127	A 43 D	3/00
		23/00
128, 129.4	A 43 D	3/00
133, 134	A 43 D	3/00
135–141	A 43 D	3/00
		23/00
142	A 43 D	9/00
		11/00
		21/00
145	A 43 D	29/00
		31/00
146	A 43 D	
147	A 43 D	25/00
		33/00
148	A 43 D	25/00

U.S. Class 14

Bridges

(IPC E 01 D)

1, 2	E 01 D	1/00
2.4	E 01 D	15/12
2.6	E 01 D	15/14
3–13	E 01 D	5/00
		9/00
14, 15	E 01 D	19/00
16.1, 16.5	E 01 D	19/06
17	E 04 C	3/02
18–22	E 01 D	11/00
		17/00
23	E 01 D	21/00
24–26	E 01 D	7/00
		9/00
27–30	E 01 D	15/08
		15/14
31	E 01 D	15/00
32–35	E 01 D	15/04
36–41	E 01 D	15/06
		15/08
		19/04
42	E 01 D	15/02
43, 44	E 01 D	15/10
45, 46	E 01 D	15/00
47	E 01 D	19/06
48	E 01 F	13/00
49	E 01 F	9/00
	G 08 B	1/00
50–69	E 01 F	13/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 14—Con.		
	E 04 H	17/00
69.5	E 01 O	1/00
70	B 65 G	15/00
71.1–71.7	E 01 D	1/00
73	E 01 O	19/12
74	E 01 O	19/08
75–77	E 01 D	19/02
U.S. Class 15		
Brushing, scrubbing and general cleaning		
(IPC A 47 L)		
1	A 47 L	
	E 01 H	
1.5	A 47 L	13/40
1.7	E 04 H	3/20
3	A 47 L	3/00
		11/00
		23/00
	B DB B	
	O 06 F	15/00
		37/00
		39/00
3.1–3.21	A 01 K	43/00
	A 23 N	12/00
3.5–3.52	B DB B	9/00
	B 67 C	1/00
3.53	B 43 L	19/00
4–21	A 46 B	13/00
	A 47 L	11/00
	A 63 B	47/04
	A 63 D	5/10
	B 60 S	3/00
22–29	A 46 B	13/00
	A 47 L	11/00
		21/02
		23/02
30–37	A 47 L	23/02
		23/06
38	A 46 B	
39	A 45 D	24/40
40	A 47 L	11/00
	D D6 G	
41–48	A 47 L	11/32
	D D6 G	1/00
49–52	A 47 L	11/00
		13/00
53	B 60 S	3/00
54–55	B 61 F	19/00
	E 01 H	8/00
56	A 47 L	15/00
	B 67 C	1/08
57–58	B DB B	9/12
59–76	A 47 L	15/00
	B 67 C	1/08
77	A 47 L	15/00
		25/00
78–87	E D1 H	1/02
		1/04
88	A 47 L	15/00
		25/00
89–92	A 47 L	11/36
93	A D1 K	31/04
	B 23 D	79/02
	B 67 C	1/10
	C 1D B	43/04
94	A 47 L	
	B DB B	
	F 2B G	7/00
95–96	B 67 C	1/10
97–103.5	A 47 L	1/02
		11/02
	B 67 C	
	G D3 D	5/06
104	A 47 L	13/00
		17/00
		21/04
		23/04
		25/00
	B 05 C	21/00
	B 0B B	
104.01	F 23 J	
104.02	F 23 J	3/00
	F 2B G	1/00
104.03–104.3	B 0B B	1/00
		7/00
		9/00
	F 16 L	45/00
		55/00
104.5–104.54	A 45 O	24/44
104.8	A 46 B	17/08
	A 47 L	13/42
104.9	B 0B B	9/08
	B 67 C	1/08
104.92–104.94	B 0B B	1/00
105, 105.5	A 47 L	
105.51	B 25 F	1/00
105.52	B 25 F	1/00
	B 43 L	19/00
105.53	B 26 B	11/00
106–121	A 47 L	13/12
		13/14
		13/50
		23/04
	E 04 F	21/16
141	A 47 L	11/36
		13/36
142	A 47 L	23/24
		25/00
143–146	A 46 B	5/02
	A 47 K	
	B 25 G	
147–154	A 47 L	13/20
159–207	A 46 B	
208–229	A 47 K	7/02
	A 47 L	1/06
		13/10
		17/08
		23/04
		25/00
	B 43 L	21/00
	B 44 D	3/28
230–230.19	A 47 L	
	B D5 C	1/00
		17/02
	B 44 O	1/00
		5/00
231	A 47 L	13/46
232–233	A 47 L	1/06
234–235	A 47 L	13/38
235.3	E 04 G	21/20
235.4–235.8	B D5 C	17/10
	E D1 C	19/12
236–241	A 47 L	13/02
		17/06
		23/22
	B 05 C	17/10
242–243	F 23 J	3/00
244	A 47 K	7/02
	A 47 L	13/46
	B 43 L	21/00
245	A 47 L	1/06
246	A 47 L	1/00
	B 60 S	1/00
246.5	F 22 B	37/48
247	A 46 B	17/04
	A 47 L	13/44
248	A 46 B	17/00
249	F 23 J	3/00
250–250.42	A 47 L	1/00
	B 60 S	1/02
256.5–256.6	A 46 B	15/00
	B 21 B	45/02
	B 6D S	1/28
257	A 46 B	17/00
	A 47 G	29/08
	A 47 L	23/14
		25/00
		25/06
	B D5 C	21/00
257.05, 257.06	A 47 L	13/56
	B 43 L	
257.07	B 43 L	25/00
257.072	B 43 L	25/04
257.073–257.076	B 43 L	25/00
257.1–257.9	A 47 L	13/52
258–259	A 47 L	23/28
260–263	A 47 L	13/14
		13/58
264	A 47 J	47/18
	A 47 L	13/50
		17/00
265–267	A 47 L	23/16
		23/18
268	A 47 L	13/54
		21/06
	B 44 D	3/20
300	A 47 L	5/00
		9/00
	B 0B B	5/00
	O 06 G	1/00
301–312	A 47 L	5/38
		15/00
313–315	A 47 L	5/38
		15/00
	B 60 S	1/54
		1/64
316–318	A 47 L	5/38
		15/00
	F 23 J	3/02
319	A 47 L	5/00
320–322	A 47 L	7/00
323–338	A 47 L	5/00
		9/00
339	A 47 L	4/20
		5/00
		7/00
		9/00
340	A 47 L	5/00
		9/00
	E 01 H	1/08
341–343	A 47 L	5/02
		5/08
344	A 47 L	5/24
345–346	A 47 L	5/14
347–353	A 47 L	9/10
		9/20
354–361	A 47 L	5/34
362	A 47 L	5/00
363–382	A 47 L	5/00
		9/04
		9/06
383–392	A 47 L	5/10
		5/26
393–403	A 47 L	5/00
		9/06
404–405	A 47 L	5/00
406–408	A 47 L	5/00
	F 23 J	
409	A 47 L	5/16
410–411	A 47 L	9/00
412	A 47 L	9/22
		9/28
412–413	A 47 L	11/00
		13/00
	A 63 B	47/04
	A 63 D	5/10
414–422	A 47 L	9/02
423	B 43 K	5/00
		13/00
424–426	B 43 L	19/00
427–432	B 43 K	29/02
433–434	B 43 L	19/00
435	B 43 K	3/00
436	B 43 K	3/04
437–444	B 43 K	3/00
445, 446	B 43 K	1/00
447	B 43 K	1/02
U.S. Class 16		
Miscellaneous hardware		
(IPC E 05 D)		
1	A 47 G	1/10
	E 05 B	1/00
	E 05 D	
	E D5 F	1/00
		7/00
2	B 65 D	55/00
	F 16 L	5/00
4–11	A 47 G	27/04
12–15	A 47 G	27/06
16, 17	A 47 G	27/04
18	B 60 B	33/00
19	B 60 B	33/04
		1/12
20–23	B 60 B	33/00
	B 65 O	25/28
24–28	B 60 B	33/08
	E 05 B	1/00
29–31	B 60 B	33/00
		7/00
32–34	B 60 B	33/06
35–39	B 6D B	33/00
40	B 60 B	37/00
41	B 60 B	33/00
42	A 47 B	91/06
43–48	A 47 B	91/00
	B 60 B	33/00
48.5	E 05 F	15/20
49	E 05 F	3/00
50	E 05 F	3/20
		3/22
51	E 05 F	3/04
52, 53	E 05 F	3/10
		3/22
54, 55	E 05 F	3/20
		3/22
56	E 05 F	3/04
		3/14
		3/22
57, 58	E 05 F	3/14
		3/22
59, 60	E 05 F	3/04
		3/14
		3/22
61, 62	E 05 F	3/04
		3/14
		3/22
63–65	E 05 F	3/00
66, 67	E 05 F	3/00
68	E 05 F	3/20
		3/22
69, 70	E 05 F	3/00
71	E 05 F	1/00
72–80	E 05 F	1/08
81	E 05 F	1/00
82	E 05 F	5/02
83	E 05 F	5/04
84	E 05 F	3/00
		5/10
85	E 05 F	5/06
86.1	E 05 D	13/00
		15/00
86.2	E 05 D	15/58
87	E 05 D	15/00
87.2	E 05 D	15/00
87.4, 87.6	A 47 H	13/00
		15/00
	E 05 D	15/06
		15/16
87.8	A 47 H	13/00
		15/00
	E 05 D	15/00
88–93	A 47 H	15/00
	E 05 D	15/00
94–96	A 47 H	1/04
		15/00
	E 05 D	15/00
		15/06
		15/16
97–107	A 47 H	15/00
	E 05 D	15/06
		15/16
108, 109	F 16 L	11/10
		57/00
110–113	A 47 B	95/02
	A 47 J	45/00
	B 65 D	25/28
	E 05 B	1/00
		7/00
114	A 47 B	95/02
	A 47 J	45/10
	B 65 D	25/28
	E 05 B	1/00
		7/00
115	A 47 B	95/02
	A 47 J	45/06
	B 25 G	1/04
	B 65 D	25/28
	E 05 B	5/00
116–120	A 47 B	95/02
	A 47 J	45/08
	B 25 G	1/00
		1/12
	B 65 O	25/28
	E 05 B	1/00
		7/00
121–127	A 47 B	95/02
	A 47 J	45/06
	B 25 G	1/00
	B 65 D	25/28
	E 05 B	1/00
		7/00
193–219	E 05 O	13/00
	E 05 F	1/00
		3/00
220	E 06 B	3/58
221	E 05 D	
222, 223	E 05 D	11/00
224	E 05 D	7/00
225–227	E 05 D	1/00
228	G 02 C	5/22
229	E 05 D	7/10
230–232	E 05 D	15/50
233, 234	E 05 O	7/00
235–238	E 05 O	7/04
239–241	E 05 O	7/06
242–249	E 05 O	7/04
250, 251	E 05 O	11/00
252, 253	E 05 D	5/02
254–258	E 05 D	7/10
		7/12
259–267	E 05 D	7/10
268, 269	E 05 D	1/06
270–272	E 05 D	7/12
273	E 05 D	11/00
274	E 05 O	11/02
275, 276	E 05 O	11/04
277–279	E 05 F	1/08
280–285	E 05 F	1/14
286–308	E 05 F	1/08
309–318	E 05 F	1/02
319–336	E 05 D	11/10
337–342	E 05 C	17/64
	E 05 D	1/108
343, 344	E 05 D	11/10
345	E 05 D	15/30
346–353	E 05 D	11/10
354	E 05 D	7/00
355, 356	E 05 D	1/04
357–360	E 05 D	11/06
361	E 05 D	15/06
362, 363	E 05 D	15/00
364	E 05 D	15/06
365	E 05 D	7/00
366	E 05 D	3/06
367	E 05 D	3/10
368, 369	E 05 D	15/00
370	E 05 D	15/32
371	E 05 D	11/06
372	E 05 D	5/00
373	E 05 D	7/00
374–377	E 05 D	11/06
378, 379	E 05 D	7/08
380, 381	E 05 D	5/12
382–384	E 05 D	5/00
385	E 05 D	5/00
		9/00
386	E 05 D	5/10
387, 388	E 05 D	5/02
389–392	E 05 D	5/06
U.S. Class 17		
Butchering		
(IPC A 22 C)		
1	A 22 B	
	A 22 C	
11	A 22 B	3/08
	A 22 C	21/00
11.1	A 22 C	21/02
11.2	A 22 C	21/04
11.3, 12	A 22 C	21/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 17—Con.		
13–18	A 22 B	5/08
19	A 22 B	5/08
		5/10
20	A 22 B	5/08
21	A 22 B	5/16
23	A 22 B	5/20
24	A 22 B	5/00
		7/00
	A 22 C	17/00
25–31	A 22 C	9/00
32	A 22 C	7/00
33, 34	A 22 C	11/00
35	A 22 C	11/02
		11/06
36	A 22 C	11/02
		11/04
		11/06
37	A 22 C	11/08
38, 39	A 22 C	11/04
		11/06
40	A 22 C	11/08
41, 42	A 22 C	11/02
42.1	A 22 C	5/00
		17/00
43	A 22 C	17/14
		17/16
44–44.3	A 22 B	1/00
	A 22 C	15/00
44.4	A 22 B	1/00
	A 22 C	15/00
	A 23 B	4/04
45	A 22 B	3/00
	A 22 C	11/00
		21/00
		25/00
		29/00
46	A 22 C	25/16
47	A 22 B	5/08
	A 22 C	21/02
48	A 22 C	29/00
49	A 22 C	21/00
		25/00
		29/00
50	A 22 C	21/00
		25/02
51	A 22 C	21/04
		25/02
52	A 22 C	25/18
		25/20
53, 54	A 22 B	3/08
	A 22 C	25/00
		29/00
55	A 22 C	25/00
56	A 22 C	25/16
57	A 22 C	25/16
		25/18
58–61	A 22 C	25/14
62	A 22 C	25/02
63	A 22 C	25/14
64	A 22 C	25/02
65	A 22 C	25/02
		25/14
66–70	A 22 C	25/00
71–76	A 22 C	29/00
U.S. Class 19		
Textiles, fiber preparation		
(IPC D 01 B)		
.2–.22	D 01 G	31/00
.23, .24	D 01 G	23/00
		31/00
.25, .26	D 01 G	31/00
.27	D 01 B	1/48
	D 01 G	1/48
		37/00
.3–.64	D 01 G	1/00
		37/00
1	D 01 B	1/00
2	D 01 B	3/00
3	D 01 B	7/00
4	D 01 B	3/00
5, 6	D 01 B	1/10
7	D 01 B	1/10
		3/04
8–32	D 01 B	1/10
33	D 01 B	1/28
34–38	D 01 B	1/10
39	D 01 B	1/04
		1/10
40–42	D 01 B	1/04
43–47	D 01 B	1/06
48	D 01 B	1/04
49–54	D 01 B	1/06
55–64	D 01 B	1/08
65, 66	D 01 B	3/04
66.1	D 02 G	1/00
	D 04 G	1/06
		1/50
66.2	D 02 G	1/14
80	D 01 B	1/00
	D 01 G	7/00
		9/00
81–97.5	D 01 B	1/00
98	D 01 G	15/00
99–104	D 01 G	15/02
105	D 01 G	15/40
106	D 01 G	15/46
107–111	D 01 G	15/76
112, 113	D 01 G	15/12
114	D 01 G	15/84
115–129	D 01 G	19/00
144	D 01 G	13/00
		25/00
		27/00
145–145.7	D 01 G	13/00
148–153	D 01 G	25/00
		27/00
157–160	D 04 H	11/00
161.1, 163	D 04 H	
200	D 01 B	3/00
	D 02 J	7/00
201–205	D 01 B	3/00
215	D 01 G	19/00
216, 217	D 01 G	19/02
218	D 01 G	19/22
219	D 01 G	19/00
220–224	D 01 G	19/04
225–228	D 01 G	19/16
229, 230	D 01 G	19/14
231, 232	D 01 G	19/04
		19/18
233, 234	D 01 G	19/04
235	D 01 G	19/16
236	D 01 H	5/00
237–241	D 01 H	5/32
242, 243	D 01 H	5/00
244	D 01 H	5/86
245	D 01 H	5/60
		5/86
246–256	D 01 H	5/86
257	D 01 H	5/00
258–261	D 01 H	5/74
262–265	D 01 H	5/60
266–268	D 01 H	5/46
269	D 01 H	5/48
270, 271	D 01 H	5/46
272	D 01 H	5/52
		5/54
273, 274	D 01 H	5/46
275, 276	D 01 H	5/48
277	D 01 H	5/50
278	D 01 G	5/46
279–282	D 01 H	5/50
283	D 01 H	5/48
284, 285	D 01 H	5/46
286–292	D 01 H	5/72
		5/74
293	D 01 H	5/18
294, 295	D 01 H	5/56
296–308	D 01 G	25/00
		27/00
U.S. Class 23		
Chemistry		
(IPC C 01 B)		
293	B 01	
	B 01 J	
294	B 01 D	7/00
		7/02
295	B 01 D	9/00
	C 13 K	1/10
296	B 01 D	9/00
297	B 01 D	9/00
298	B 01 D	9/00
	C 13 K	1/10
299	B 01 D	9/00
		11/00
302	C 01 D	1/30
		3/24
		7/24
		7/40
303	C 01 D	1/30
		3/00
304	C 01 F	5/34
		11/44
305	C 01 F	7/34
	C 22 B	13/00
306	B 01 D	1/00
		1/30
		11/04
	C 10 G	21/00
307	B 01 D	1/02
		1/22
308	C 01 D	3/20
313	C 05 B	19/00
	C 22 B	1/14
314	C 01 B	31/14
	C 09 C	1/58
		1/60
U.S. Class 24		
Buckles, buttons, clasps, etc		
(IPC A 44)		
1	A 44 B	21/00
2	B 42 D	3/10
2.5	F 41 C	23/00
3, 4	A 44 B	21/00
	A 45 F	5/02
5, 6	A 45 F	5/08
7–9	A 45 F	5/04
10–12	B 43 K	25/00
13	A 44 B	21/00
	A 45 F	5/02
15	A 41 F	17/00
	A 44 B	21/00
16–19	B 65 D	63/00
		67/02
	F 16 L	33/00
20	B 65 D	63/02
	F 16 L	33/00
		33/22
21–24	B 65 D	63/06
	F 16 L	33/00
25	B 65 D	63/08
	F 16 L	33/00
26	B 65 D	63/06
	F 16 L	33/00
27–30	B 65 D	63/10
	F 16 L	33/00
30.5	B 65 D	77/10
31, 32	F 16 G	3/00
		7/00
33	F 16 G	3/02
34	F 16 G	3/10
35, 36	F 16 G	3/00
		7/00
37	F 16 G	3/08
38, 39	F 16 G	3/00
		7/00
40	A 41 F	1/02
	A 43 C	11/02
	A 44 B	1/18
	A 47 G	25/92
41–48	A 41 B	7/04
		7/06
	A 44 B	5/00
49	A 41 D	25/04
		25/10
50–55	A 41 D	25/04
56–65	A 41 D	
59–597	A 44 B	1/04
		11/25
		17/00
67–67.7	B 42 F	1/00
67.11	B 42 F	1/00
67.9	B 42 F	1/02
68–71.3	A 43 C	11/00
	A 44 B	21/00
72	A 41 F	17/00
72.5	A 47 C	21/00
	A 47 D	7/06
72.7	B 44 D	3/18
89	A 44 B	1/18
90–91	A 44 B	1/18
92, 93	A 44 B	1/12
		1/14
94–96	A 44 B	1/42
97–103	A 44 B	1/18
104	A 44 B	1/28
105	A 44 B	1/30
106–110	A 44 B	1/38
111, 112	A 44 B	1/18
113	A 44 B	1/12
		1/14
114	A 44 B	1/16
114.5, 115	F 16 G	11/00
116	F 16 G	15/00
117–122	F 16 G	11/00
127–134	F 16 G	11/00
135	F 16 G	11/06
136	F 16 G	11/00
140	A 43 C	1/00
		7/00
		9/00
141, 142	A 43 C	5/00
143	A 43 C	9/00
	B 21 D	53/58
144, 145	A 43 C	1/00
		7/00
146, 147	A 43 C	3/00
	B 21 D	53/46
148, 149	A 43 C	1/00
		7/00
150–152	A 44 B	9/00
153–154	A 44 B	9/00
	B 42 F	3/00
155	A 44 B	9/00
156–159	A 44 B	9/10
		9/12
160	A 44 B	9/18
161, 162	A 44 B	9/00
163	A 44 B	11/00
164–167	A 44 B	11/00
	B 68 B	5/00
168, 169	A 44 B	11/06
	B 68 B	5/00
170	A 44 B	11/12
	B 68 B	5/00
171	A 44 B	11/10
	B 68 B	5/00
172–183	A 44 B	11/00
	B 68 B	5/00
184, 185	A 44 B	11/00
186–190	A 44 B	11/20
191–193	A 44 B	11/12
194–196	A 44 B	11/10
197–200	A 44 B	11/00
230.5	A 43 C	11/08
	A 44 B	13/00
231, 232	A 43 C	11/08
	A 44 B	13/00
233–237	A 44 B	13/02
238	A 44 B	13/00
239	A 44 B	13/02
240	A 44 B	13/00
		15/00
241, 242	A 44 B	13/00
265	A 44 C	5/18
266	A 41 F	1/00
	A 44 B	21/00
267	A 41 F	1/00
	A 44 B	21/00
268	B 65 D	63/00
	F 16 L	33/00
269	B 65 D	63/00
	F 16 L	33/14
270–72	B 65 D	63/00
	F 16 L	33/12
273	B 65 D	63/00
287	B 65 D	63/00
288	B 65 D	8/00
289–297	E 04 F	19/02
298–302	A 44 B	15/00
		21/00
303–305	A 44 B	21/00
306	A 44 B	18/00
307–309	A 44 B	11/00
310–313	A 44 B	11/25
314	A 44 B	9/00
		11/00
315, 316	A 44 B	11/00
317	A 44 B	9/00
		11/00
318	A 44 B	11/00
		13/00
319	A 44 B	11/25
		13/00
320, 321	A 44 B	11/00
		13/00
322	A 44 B	1/00
		11/00
323, 324	A 44 B	11/25
325	A 44 B	11/08
326–338	A 44 B	21/00
329–341	A 44 B	21/00
	F 16 L	33/02
342	A 44 B	1/00
		21/00
343–349	A 44 B	13/00
		21/00
350	A 44 B	21/00
351–355	A 44 B	9/00
		21/00
356–358	A 44 B	9/00
359, 360	A 44 B	9/00
		13/00
361, 362	A 44 B	9/00
363–366	A 44 B	9/00
		13/00
367	A 44 B	1/00
		9/00
368	A 44 B	9/00
369–370	A 44 B	13/00
371	A 44 B	13/02
372–377	A 44 B	13/00
378	A 44 B	1/00
		13/00
379	A 44 B	1/00
380	A 44 B	21/00
381–383	A 44 B	19/00
384	A 44 B	19/32
385–387	A 44 B	19/00
388	A 44 B	19/38
389	A 44 B	19/32
390	A 44 B	19/00
391–398	A 44 B	19/12
		19/40
399, 400	A 44 B	19/16
		19/40
401, 402	A 44 B	19/10
		19/40
403–414	A 44 B	19/02
415	A 44 B	19/26
416	A 44 B	19/28
417–425	A 44 B	19/30
426–431	A 44 B	19/26
432	A 44 B	19/34
433, 434	A 44 B	19/38
435, 436	A 44 B	19/36
437–441	A 43 C	11/12
		11/20
442–452	A 44 B	18/00
453	A 41 F	1/00
454	A 44 B	21/00
455	A 41 F	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 24—Con.		
		1/08
	A 44 B	21/00
	B 42 F	1/00
456–463	A 41 F	1/00
	A 44 B	21/00
	B 42 F	1/00
464–480	A 41 F	1/08
481–488	A 41 F	1/00
	A 44 B	21/00
	B 42 F	1/00
489–529	A 41 F	1/00
		1/08
	A 44 B	21/00
	B 24 F	1/00
530–545	A 41 F	1/00
		1/08
	A 44 B	21/00
	B 42 F	1/00
		1/02
546–556	B 42 F	1/06
		1/08
557–567	A 41 F	1/00
		1/08
	A 44 B	21/00
	B 42 F	1/00
		1/02
568–571	A 41 F	1/00
		1/08
	A 44 B	21/00
	B 42 F	1/00
572–588	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
589	A 41 F	1/04
590–597	A 41 F	1/00
	A 43 C	11/00
598–601	A 44 B	13/02
	F 16 B	45/00
602–604	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
605	A 41 F	1/04
606–629	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
630	A 41 F	1/04
631–658	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
659–661	A 41 F	1/02
662–681	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
682–696	A 44 B	1/18
697	A 41 F	1/00
		1/04
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
698, 699	A 44 B	13/00
700–702	A 41 F	1/00
	A 43 C	11/00
	A 44 B	1/04
		11/25
		17/00
703, 704	F 16 B	19/00
900	A 41 F	1/00
		1/08
	A 44 B	21/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 26		
Textiles, cloth finishing		
(IPC D 06 C)		
1, 2	D 06 C	29/00
3–5	D 06 C	9/00
		23/02
6	D 06 C	9/04
7	D 06 C	13/00
8–10	D 06 C	13/08
10.4	D 06 C	13/00
11, 11.4, 12	D 06 C	13/06
13	D 06 C	13/10
14	D 03 D	39/22
15	D 06 C	13/00
16, 17	D 06 C	23/02
18	D 06 C	13/00
18.5	D 06 C	23/04
		29/00
18.6	D 06 C	21/00
19–21	D 06 C	17/00
	D 06 M	3/14
22, 23	D 06 C	17/04
24	D 06 C	17/00
	D 06 M	3/14
25	D 06 C	15/00
26	D 06 C	15/14
27–29	D 06 C	11/00
30	D 06 C	11/00
		23/00
31–37	D 06 C	11/00
51	D 06 C	3/00
51.3, 51.4	D 06 C	3/00
	D 06 H	3/12
51.5	D 06 C	3/00
	D 06 H	3/08
52–75	D 06 C	3/00
69	D 06 C	23/00
70	D 06 C	3/00
76	D 06 C	3/02
77, 78	D 06 C	3/06
79	D 06 C	3/02
80	D 06 C	3/00
81	D 06 C	3/00
	F 26 B	13/02
82	B 26 D	7/14
	D 06 C	3/00
83–85	D 06 C	3/00
86	D 06 C	3/02
87, 88	D 06 C	3/00
89–91	D 06 C	3/02
		3/10
92	D 06 C	3/02
	F 26 B	13/02
93–96	D 06 C	3/02
		31/00
97	D 06 C	3/06
98	D 06 C	3/00
99–105	D 06 C	3/06
106	D 06 C	3/00
	F 26 B	13/02

U.S. Class 27

Undertaking

(IPC A 61 G)

1–20	A 61 G	17/00
21–25	A 01 N	1/00
26	A 61 G	19/00
27	A 61 G	17/00
28	A 61 G	1/00
		3/00
		7/10
29, 30	E D2 D	19/00
31	A 61 G	17/04
	A 62 B	33/00
32–34	A 61 G	19/00
35	A 61 G	17/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 28		
Textiles, manufacturing		
(IPC D 04 H)		
100	A 42 C	
	A 44 B	
	A 61 F	
	B 05 C	
	B 32 B	
	B 41 F	
	B 65 B	
	B 65 D	
	B 65 H	
	C 01	
	D D2	
	D 03	
	D 04	
	D D5	
	D 06	
	F 26 B	
101	A 42 C	
	A 61 F	
	B 05 C	
	B 65 D	
	B 65 H	
	D D4 H	
		3/04
		3/05
		3/07
	D 06	
	F 26 B	
102	D 04 H	3/04
103	D 04 H	1/06
		1/50
		3/08
		5/02
		11/08
		13/00
		17/00
		18/00
104, 105	D 04 H	1/46
		1/70
		3/02
		3/10
		5/02
		5/08
		11/08
		13/00
		18/00
	D 06 C	23/00
106	D 04 H	1/70
		3/02
		5/08
		13/00
	D 06 C	23/00
107–111	B 32 B	5/06
	D 04 H	1/46
		3/10
		5/02
		11/08
		13/00
		18/00
112	D 04 H	1/46
		3/10
		5/02
		11/08
		13/00
		18/00
	D D6	
113–115	D D4 H	18/00
116	D D4 H	1/08
		1/44
		3/10
		5/02
		11/04
		13/00
		17/00
		17/10
117	D D4 H	1/16
		1/22
		1/24
		1/44
118–120	A 61 F	13/20
	D 04 H	1/22
121	B 65 D	75/00
122	D D4 H	1/08

U.S. Subclass	IPC Subclass	IPC Notation
		1/44
		3/10
		5/02
		11/04
		13/00
		17/00
	D 06	
123, 124	A 42 C	1/02
	D 04 H	1/22
		17/00
125–133	D 04 H	1/22
		17/00
134–137	D 04 H	17/12
138, 139	D 04 H	17/00
140	D D3	
	D 04	
	D D5	
141	D 04 B	17/00
	D 06 H	3/00
		5/00
142	D 03 D	3/02
		3/04
	D 04 B	7/32
		9/00
	D 06 C	5/00
	D 06 G	3/00
		5/00
	D 06 H	3/16
		5/00
143	D D3 D	1/00
		41/00
	D 04 B	1/24
		7/34
		9/46
		9/58
		11/26
		21/20
		23/24
		25/14
		31/02
	D D4 D	
	D 04 G	
	D 06 B	3/30
		5/24
	D 06 C	13/12
	D 06 G	
	D 06 H	3/16
	D D6 J	
144	D 02 G	3/40
	D D3 D	41/00
	D 04 D	3/00
145	D D4 D	5/00
		7/08
146	D 04 D	5/00
147	D 04 D	7/06
		7/08
		7/10
148	D 04 D	9/04
149	D D3 D	29/00
	D 04 B	5/00
	D 04 C	7/00
	D 04 D	7/00
		7/02
		7/04
150	D 04 D	7/00
		7/02
		7/04
151, 152	D 03 D	29/00
153	D 04 B	1/24
		7/34
		9/46
		9/58
		11/26
		21/20
		23/24
		25/14
		31/02
	D D6 B	3/20
		5/24
	D 06 C	13/12
	D 06 G	
	D 06 H	3/16
	D 06 J	
154	D 04 B	1/26
		9/46
		11/28

U.S. Subclass	IPC Subclass	IPC Notation
		23/20
	D 06 B	3/30
		5/24
	D 06 C	13/12
	D 06 H	3/16
155	D 03 D	7/00
		15/08
		17/00
	D 04 B	1/18
		7/16
		11/12
		21/18
		23/06
	D 06 C	21/00
		23/04
	D 06 H	7/10
156	D 03 D	15/04
	D 06 C	21/00
		23/04
157	D 06 H	3/12
		7/10
158	D 03 D	1/00
		11/00
		27/10
		39/16
159	D 06 C	11/00
		13/00
		23/02
160	D 06 C	23/02
161	A 44 B	21/00
	D 06 C	13/08
162	D 06 C	23/02
163	B 41 F	
	D 06 B	1/00
	D 06 C	23/00
	D 06 J	
	D 06 P	3/86
		5/12
		5/13
		5/22
164	D 05 C	7/10
	D 06 Q	1/02
165	D 06	
166	B 65 H	71/00
	D 01	
	D 02	
	D 06	
167–169	C 08 G	79/02
167	D 06	
	F 26 B	13/00
168	D 06 H	7/22
	D 06 Q	1/02
169	D 06 B	
	D 06 P	
	D 06 Q	
170	C 08 G	73/10
	D 06 H	7/00
171–175	C 08 G	75/00
171	D 04 B	19/00
172	B 65 H	
	D 02 H	
	D 03 J	
	D 06 B	
	D 06 C	
	F 26 B	
173	D 02 H	11/00
	D 06 C	9/00
		13/00
174	D 06 C	9/00
		9/02
		9/04
175	B 65 H	54/66
	D 04 B	31/00
176	B 65 B	11/00
	B 65 H	37/00
	C 08 G	63/12
		63/18
177	C 08 G	63/46
		63/76
	D 04 B	31/00
178	B 65 H	71/00
	C 08 G	63/46
	D 02 H	5/02
	D 06 B	
179–181	C 08 G	63/04
		63/30

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 28—Con.		
179	**0 02 H**	5/02
	D 06 B	15/00
	F 26 B	13/00
180	**0 02 H**	5/02
	D 06 B	15/00
	F 26 B	13/00
181	**D 02 H**	5/02
		9/00
		9/02
	D 06 B	15/00
	F 26 B	13/00
182	**C 08 G**	63/04
		63/38
	D 02 H	5/02
	D 06 B	3/10
		3/32
183–189	**C 08 G**	69/02
183	**D 02 H**	5/02
	0 06 B	3/10
		3/32
		15/02
184	**D 02 H**	3/00
		5/00
		7/00
	0 03 0	15/00
185	**B 65 H**	59/00
		61/00
		63/00
	0 02 H	13/02
		13/14
	F 26 B	13/12
186	**B 65 H**	63/00
	0 02 H	13/02
	F 26 B	13/12
187	**B 65 H**	63/00
	D 02 H	13/08
	F 26 B	13/12
188, 189	**B 65 H**	63/00
	D 02 H	13/06
	F 26 B	13/12
190	**B 65 H**	54/00
	C 08 G	63/02
		63/18
	D 02 H	3/00
		5/00
		7/00
		13/00
191	**B 65 H**	54/12
	C 08 G	63/02
		63/68
	D 02 H	13/34
192	**B 65 H**	54/12
	0 02 H	13/30
193	**B 65 H**	67/00
	D 02 H	1/00
194	**B 65 H**	59/00
		77/00
	D 02 H	13/22
195	**B 65 H**	54/28
	D 02 H	13/00
196	**B 65 H**	54/46
		54/52
	D 02 H	13/00
197	**B 65 H**	54/46
	D 02 H	13/00
198	**D 02 H**	9/00,
		9/02
	D 03 J	1/13
199	**B 65 H**	57/16
	D 02 H	9/00
		13/16
200	**B 65 H**	79/00
	D 02 H	13/12
	D 06 B	3/34
201	**B 65 H**	67/00
		69/00
	D 01 J	1/14
		1/16
		1/18
202, 203	**B 65 H**	67/08
	D 01 J	1/14
204–207	**D 03 J**	1/14
208	**B 65 H**	1/00
		75/38
209, 210	**B 65 H**	69/00
	0 03 J	1/18
211	**B 65 H**	69/04
	D 03 J	1/18
212	**B 65 H**	57/16
	D 02 H	13/16
		13/20
213	**B 65 H**	57/16
	D 02 H	13/18
214	**D 03 J**	39/04
215, 216	**0 03 J**	39/06
217	**B 05 C**	
	B 65 H	
	D 01 D	
	D 02 G	
	D 02 H	
	D 02 J	
	D 06 B	
	D 06 C	
	D 06 L	
	0 06 M	
	D 06 P	
	0 06 Q	
218	**D 02 G**	1/00
	D 04 B	19/00
219	**D 02 G**	1/00
		3/00
	D 02 J	1/00
		3/00
		7/00
		11/00
220	**D 02 G**	1/20
	0 02 J	11/00
221	**0 02 G**	1/12
222	**D 02 J**	11/00
223	**B 65 H**	63/06
	D 02 J	3/12
		3/14
		3/16
		7/00
224	**D 02 J**	3/14
225	**B 65 H**	63/06
226	**B 65 H**	63/06
	D 02 J	3/12
		3/16
227–229	**B 65 H**	63/06
230–239	**0 02 J**	3/14
240–242	**0 02 J**	1/22
243	**D 02 J**	1/06
244–246	**D 02 J**	1/22
247–251	**D 02 G**	1/00
	D 02 J	1/00
252	**0 02 G**	3/24
	D 02 J	1/06
254–257	**D 02 G**	1/12
		1/16
258	**D 02 G**	1/20
259–261	**D 02 G**	1/10
262	**D 02 G**	1/12
	0 02 J	1/04
263–270	**D 02 G**	1/12
271–276	**D 02 G**	1/16
	D 02 J	1/08
277	**D 02 G**	1/00
		1/00
	D 02 J	3/10
278–280	**D 02 G**	1/14
281	**D 02 G**	1/18
		1/20
		3/24
	D 02 J	1/12
		1/20
282	**D 01 D**	11/02
	D 06 J	1/18
283	**D 01 D**	11/02
	D 02 J	1/18
284–286	**B 05 C**	
	D 01 D	10/00
	D 06 L	
	D 06 M	
	D 06 P	
287, 288	**B 05 C**	
	D 01 D	10/04
	D 06 L	
	D 06 M	
	D 06 P	
289	**B 65 H**	54/64
		54/68
		54/70
		54/76
		71/00
290	**B 65 H**	54/00
		71/00
291	**B 65 H**	54/62
		71/00
292–298	**B 65 H**	73/00
299	**D 06**	

U.S. Class 29

Metal working

(IPC B 23 P)

U.S. Subclass	IPC Subclass	IPC Notation
1	**B 21 D**	53/00
	B 23 P	13/00
		15/00
		17/00
1.1, 1.11	**B 23 P**	13/00
1.2, 1.22, 1.23	**B 21 K**	21/06
1.3, 1.31, 1.32	**B 21 D**	51/54
	B 21 K	21/04
	B 23 P	15/22
2	**B 23 P**	13/00
2.1–2.25	**B 21 D**	43/00
	B 26 D	3/16
3	**B 21 D**	53/46
4	**B 21 F**	45/28
4.5	**B 23 P**	17/06
4.6	**D 03 C**	9/00
		9/02
		9/06
5	**B 21 G**	7/08
6	**B 21 K**	1/08
6.1	**B 21 0**	31/04
6.2	**B 21 D**	31/02
7	**B 21 K**	1/44
7.1–7.3	**B 21 F**	25/00
8	**B 23 P**	13/00
9	**B 21 F**	45/12
10	**B 23 P**	5/00
11	**B 21 D**	53/40
	B 21 K	13/02
12	**B 23 P**	13/00
13	**B 21 F**	45/22
		45/24
14	**B 21 H**	7/06
	B 21 K	19/02
15, 16	**B 23 P**	13/00
17–20	**B 21 D**	33/00
20.1	**B 26 D**	3/10
21–22	**B 23 P**	17/00
23	**B 23 P**	13/00
23.5	**B 21 H**	7/16
	B 23 P	15/02
		15/04
24	**B 23 P**	17/00
24.5	**B 23 P**	19/04
25	**B 21 F**	41/00
25.35	**H 04 R**	17/00
25.41, 25.42	**H 01 G**	7/00
26	**B 23 B**	39/00
27	**B 23 B**	7/00
		9/00
28	**B 23 B**	25/00
29	**B 23 B**	5/28
30	**B 23 B**	1/00
33	**B 21 B**	15/00
	B 21 D	39/03
	B 23 P	23/04
		25/00
33.2	**A 41 H**	37/06
	B 29 D	5/00
33.5, 33.52	**B 23 P**	23/04
34	**B 23 B**	11/00
35.5, 36	**B 23 B**	3/16
		7/04
37–38.9	**B 23 P**	23/00
39–49	**B 23 B**	3/16
		7/04
51	**B 23 D**	1/00
52	**B 23 C**	1/00
53	**B 23 B**	11/00
		35/00
54–56.6	**B 23 C**	1/00
57	**B 23 B**	25/00
	B 23 Q	39/00
64	**B 23 P**	23/00
65	**B 23 P**	23/00
	B 23 Q	5/00
76	**B 23 D**	67/00
		69/00
77	**B 23 0**	73/02
78	**B 23 D**	71/00
79	**B 23 D**	71/00
80	**B 23 D**	71/04
81	**B 21 C**	43/00
	B 23 D	79/12
	B 23 P	25/00
89.5	**B 23 P**	9/00
		25/00
90	**B 21 C**	37/30
	B 24 B	39/00
90.1–90.5	**B 24 B**	39/00
91, 91.1	**B 68 G**	7/00
91.2–91.4	**B 68 G**	7/08
91.5	**B 68 G**	7/00
91.6	**B 68 G**	7/10
91.7, 91.8	**B 68 G**	15/00
110	**B 21 B**	13/02
		27/00
		31/08
	B 25 F	1/00
	B 60 B	5/00
110.5	**B 05 C**	1/08
111	**B 21 B**	31/16
112	**B 05 C**	1/08
113	**B 21 B**	31/32
	B 60 B	9/22
114	**B 21 B**	27/06
	B 60 B	19/10
115	**B 60 B**	15/16
116	**B 21 B**	13/02
117	**B 60 B**	9/00
118, 119	**B 60 B**	7/00
120	**B 21 B**	31/08
	B 60 B	7/00
121.1–121.8	**A 01 B**	29/00
	A 01 G	1/12
	B 02 C	4/00
	B 21 B	1/40
	B 21 H	
	B 22 F	3/18
		7/00
	B 30 B	3/00
	C 14 B	1/30
	E 01 C	19/23
122	**B 21 B**	7/02
		27/02
		31/08
123	**B 21 B**	31/08
	B 60 B	7/04
		7/06
124, 125	**B 21 B**	31/08
	B 60 B	7/04
		11/04
126–128	**B 21 B**	31/08
	B 60 B	7/04
		9/00
		15/00
129	**B 21 B**	31/08
	B 60 B	7/06
129.5	**B 21 B**	31/08
	B 60 B	7/02
130, 131	**B 21 B**	31/08
	B 60 B	7/04
132	**B 21 B**	31/08
	B 60 B	5/00
		21/00
148.3	**B 21 H**	7/00
	B 21 K	19/00
148.4	**B 21 D**	53/12
	B 21 H	1/12
		1/14
	B 21 K	1/02
		1/04
		1/05
149.5	**B 21 D**	53/10
150	**B 23 P**	13/00
155	**B 23 P**	17/00
156.4	**B 23 P**	15/00
156.5	**B 23 P**	15/10
156.6–156.63	**B 23 P**	15/06
156.7	**B 21 K**	1/20
	B 23 P	13/00
156.8	**B 21 K**	3/04
	B 23 P	15/02
		15/04
157–158	**B 21 0**	53/00
	B 21 K	29/00
	B 23 P	15/26
159	**B 21 D**	53/26
	B 21 K	1/28
		1/42
159.01	**B 21 H**	1/02
	B 21 K	1/32
159.02, 159.03	**B 21 F**	39/00
	B 21 K	1/34
159.1	**B 21 H**	1/10
	B 21 K	1/38
159.2	**B 21 D**	53/28
	B 21 0	53/28
	B 21 H	5/00
	B 21 K	1/30
	B 23 P	15/14
	B 29 D	15/00
159.3	**B 21 K**	1/40
160	**B 23 P**	15/12
160.6	**B 21 F**	43/00
	B 23 P	13/00
161	**B 21 D**	53/38
	B 21 K	13/00
163.5	**B 23 P**	15/16
168	**B 21 H**	1/04
		1/08
	B 23 P	15/20
169.5	**B 29 D**	17/00
172	**B 23 P**	13/00
173	**B 21 F**	35/00
	B 23 P	13/00
175–179	**B 23 P**	13/00
213–221.5	**B 23 P**	19/04
222–224	**B 23 P**	15/10
225–232	**B 23 P**	19/04
233	**B 23 P**	15/18
234	**B 23 P**	19/04
235–236	**B 23 P**	19/02
237–241	**B 23 P**	19/04
242	**B 21 K**	5/00
243	**B 23 P**	19/04
243.5–243.58	**B 23 P**	11/00
244–250	**B 23 P**	19/04
251	**B 23 P**	19/02
252–269	**B 23 P**	19/04
270	**B 25 B**	27/00
271–281.6	**B 25 B**	27/14
282	**B 21 0**	39/04
	B 23 P	19/04
282.12	**H 01 R**	43/042
283, 283.5	**B 23 Q**	1/00
		3/00
		7/04
400	**B 23 P**	17/00
401.1	**B 21 K**	21/16
	B 23 P	17/04
		23/00
402.01	**B 23 P**	7/00
402.02	**B 23 P**	7/00
		23/00
402.03	**B 23 P**	7/00
		19/04
		23/00
402.04–402.06	**B 23 P**	7/00
		19/04
402.07	**B 23 P**	7/00
		7/04
		19/04
402.08, 402.09	**B 23 P**	7/00
		19/04
402.11–402.17	**B 23 P**	7/00
		7/04
402.18	**B 22 D**	19/10
	B 23 K	9/04

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U.S. Class 29—Con.		
	B 23 P	7/00
402.19, 402.21	B 21 O	1/00
		3/16
	B 23 P	7/00
403.1	B 07 B	13/00
	B 23 P	17/04
403.2	B 30 B	9/32
403.3, 403.4	B 23 P	19/04
	H 01 B	15/00
	H 02 G	1/12
404–407	B 23 Q	17/00
408	B 21 O	53/50
	B 21 F	45/18
	B 29 O	5/00
409	B 21 O	53/54
	B 21 F	45/18
	B 29 O	5/00
410	B 21 O	53/52
	B 21 F	45/18
	B 29 O	5/00
411–419	B 23 P	17/00
421–425	B 23 P	17/00
426.1–426.3	B 23 P	19/00
426.4	B 23 P	19/02
426.5, 426.6	B 23 P	19/00
428–431	B 21 O	39/03
	B 23 P	11/00
432–432.2	B 23 P	11/00
433	B 23 P	19/04
434–436	B 23 P	11/00
437–444	B 23 P	11/00
445	B 23 P	9/00
446–451	B 23 P	11/02
452	B 21 O	39/00
453	B 23 P	11/02
454	B 23 P	19/04
455	B 21 O	39/00
	B 23 P	19/04
458, 459	B 23 P	25/00
460	B 23 P	19/04
461	B 23 P	25/00
462	B 23 P	19/00
		25/00
463	B 21 O	39/02
464–468	B 23 Q	3/00
469	B 23 P	21/00
469.5	B 21 O	35/00
505, 506	B 21 O	39/00
	B 23 P	11/00
507, 508	B 21 O	39/00
	B 23 P	11/02
509–521	B 21 O	39/00
	B 23 P	11/00
522–524	B 21 O	39/00
	B 23 P	11/02
525	B 23 P	19/02
526	B 23 P	19/00
526.2–530	B 21 B	1/46
		13/22
	B 22 O	11/126
		11/128
	B 23 P	17/00
		25/00
557, 558	B 23 P	13/04
559	B 23 Q	7/00
560, 560.1	B 23 P	23/00
561, 562	B 23 Q	5/00
		15/00
		17/00
563	B 23 Q	7/00
		17/00
		39/04
		41/02
564–564.8	B 23 P	23/00
	B 23 Q	41/00
565	B 23 Q	41/00
566–566.4	B 23 P	23/00
568	B 23 Q	
569	H 01 L	21/00
570	H 01 G	9/00
571	H 01 L	21/00
572	H 01 L	31/00
573	H 01 L	35/00
574	H 01 L	21/66
575, 576	H 01 L	21/00
577	H 01 L	21/70
578–579	H 01 L	21/308
		21/31
		21/32
		21/467
		21/469
		21/94
580, 581	H 01 L	21/08
		21/302
		21/461
582, 583	H 01 L	21/304
		21/463
584–586	H 01 L	21/326
		21/479
587	H 01 L	21/68
588	H 01 L	21/56
589–591	H 01 L	21/58
		21/60
592	H 01 S	4/00
593	G 01 R	
	G 05 F	
	H 01 H	
594	H 04 R	31/00
595	G 01 R	3/00
596	H 02 K	15/00
		15/14
		15/16
597.12	H 01 R	43/06
		43/10
598	H 02 K	15/02
		15/10
599	H 01 L	39/24
600	H 01 P	11/00
	H 01 Q	13/00
601	H 01 Q	17/00
602	H 01 F	7/06
603	G 11 B	5/127
	H 01 F	7/06
604	H 01 F	3/00
		41/02
605	H 01 F	7/06
606	H 01 F	7/06
607	H 01 F	7/06
608	H 01 F	3/08
		7/06
609	H 01 F	3/04
		7/06
610	H 01 C	17/00
611	H 05 B	3/00
612	H 01 C	7/02
		7/04
613	H 01 C	17/02
614, 615	H 01 C	1/02
		17/02
616, 617	H 01 C	1/03
618	H 01 C	17/04
619	H 01 C	17/28
620	H 01 C	17/06
621	H 01 C	17/28
622	H 01 H	11/00
		11/02
		11/04
		65/00
623	H 01 H	69/02
623.1–623.5	H 01 M	6/00
631	H 01 B	19/00
650	B 23 P	19/00
700	B 23 P	19/00
701–722	B 23 P	21/00
	B 23 Q	15/00
723	B 23 P	19/00
724, 725	B 21 O	53/10
	B 23 P	19/04
726, 727	B 23 P	15/26
728	B 23 P	19/04
729	B 23 P	19/00
	H 01 R	
730, 731	B 23 P	19/00
	H 01 M	
732–736	B 23 P	19/00
732	H 02 K	15/00
737–744	B 23 P	19/00
737	H 01 M	
745.12, 746	B 23 P	19/00
747.12	B 23 P	19/00
748.12–750	B 23 P	19/00
	H 01 R	43/00
751.12	B 23 P	19/00
	H 01 R	43/042
752.12	B 23 P	19/00
	H 01 R	43/00
753.12	B 23 P	19/00
	H 01 R	43/042
754, 755	B 23 P	19/00
	H 01 R	43/00
756	B 23 P	19/00
757–764	B 23 P	19/00
765	B 23 P	19/04
766–770	A 41 H	37/06
766	B 21 O	53/50
	B 29 O	5/00
771–790	B 23 P	21/00
791–808	B 23 P	19/00
809–818	B 23 Q	7/10
819–824	B 23 P	19/00
825	H 01 R	43/00
826	H 01 R	43/12
827	H 01 R	43/00
828	H 01 B	13/20
829	H 05 K	3/00
830	H 05 K	3/36
831	H 05 K	3/20
832–838	H 05 K	3/30
839, 840	H 05 K	3/34
841	H 05 K	3/30
842	H 01 R	9/00
	H 05 K	3/00
843	H 01 R	9/06
	H 05 K	3/00
844, 845	H 01 R	9/14
	H 05 K	3/00
846	H 05 K	3/02
		3/10
847	H 05 K	3/02
848	H 01 K	3/22
849	H 01 K	3/00
850	H 01 K	3/10
851	H 01 K	3/22
852, 853	H 01 K	3/10
854–856	H 01 R	43/00
	H 05 K	13/00
857–859	H 01 R	43/00
860	H 01 R	43/02
861–867	H 01 R	43/04
868–870	H 01 R	43/00
871	H 01 R	43/04
		43/04
872.12, 873	H 01 R	43/00
874.12, 875	H 01 R	43/16
876.12–880	H 01 R	43/20
877–880	H 01 R	43/02
881, 882	H 01 R	43/04
881.12–885	H 01 R	43/16
883–885	H 01 R	43/00
U.S. Class 30		
Cutlery		
(IPC B 26 B)		
1	B 26 B	
1.5, 2	B 67 B	7/00
26–29	A 45 O	29/00
29.5	B 26 B	19/00
30, 31	B 26 B	19/00
		21/12
32	B 26 B	21/00
34	B 26 B	19/38
34.1	B 26 B	19/06
		19/10
		19/38
34.2	B 26 B	19/42
35–39	B 26 B	19/38
40	B 26 B	21/24
40.1	B 26 B	21/26
40.2	B 26 B	21/24
41–41.6	B 26 B	19/44
42	B 26 B	19/28
43	B 26 B	19/20
43.1–43.3	B 26 B	19/00
43.4–43.6	B 26 B	19/14
43.7–43.9	B 26 B	19/12
43.91, 43.92	B 26 B	19/02
44, 45	B 26 B	19/28
46	B 26 B	19/30
47–50	B 26 B	21/00
51	B 26 B	21/08
52–55	B 26 B	21/00
57–89	B 26 B	21/14
90	B 26 B	21/40
90.1–91.2	B 21 F	13/00
	B 26 B	27/00
92–108	B 23 O	21/06
	B 26 B	27/00
	B 26 O	3/16
109–113	A 24 C	1/24
		5/12
		5/28
113.1–113.3	A 47 J	23/00
		25/00
114	A 21 C	5/08
		15/04
115–117	A 21 C	5/00
118	A 41 H	25/00
	B 26 B	1/00
		13/00
119	A 41 H	25/00
	B 26 B	1/00
120	A 41 H	25/00
	B 26 B	13/06
120.1	A 47 J	13/00
		43/26
	B 26 B	17/00
120.2, 120.3	A 47 J	43/26
	B 26 B	17/00
120.4	A 47 J	43/26
	B 26 B	17/02
120.5	A 47 J	43/26
	B 26 B	17/00
121	A 01 G	3/03
	B 26 B	23/00
121.5	A 47 J	17/02
122	B 25 F	3/00
	B 26 B	11/00
123, 123.3	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
123.4	B 23 O	59/04
	B 23 Q	11/12
	B 26 B	7/00
123.5–123.7	A 22 B	5/16
	B 26 B	11/00
124–136.5	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
137	A 47 J	43/28
	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
138, 139	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
140	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
141	A 47 J	43/28
142–146	B 25 F	3/00
	B 26 B	1/00
		3/00
		11/00
147–150	A 47 J	43/28
151–164	B 26 B	3/06
	F 41 B	13/02
	F 41 C	27/02
164.5–164.8	B 02 C	18/00
	F 25 C	5/16
164.9–164.95	B 26 B	3/00
165	B 26 B	
166	B 23 O	45/00
	B 27 B	5/29
		19/09
		23/00
		33/20
168–172	B 26 B	3/00
173, 174	B 26 B	13/00
		15/00
		17/00
175–193	B 26 B	17/00
194	B 26 B	13/00
		19/00
195	B 26 B	19/22
196–204	B 26 B	19/00
205–207	B 26 B	19/14
208–222	B 26 B	19/02
		19/12
223–225	B 26 B	19/00
226, 227	B 26 B	13/00
228	B 26 B	15/00
229–263	B 26 B	13/00
264	B 26 B	15/00
265	B 26 B	13/00
266	B 26 B	13/28
267–271	B 26 B	13/00
272–277	B 26 B	7/00
278–283	B 26 B	3/00
284–295	B 26 B	29/00
296–298	B 26 B	27/00
299–319	B 26 B	3/00
320, 321	B 26 B	1/00
322–328	A 47 J	43/28
329–339	B 26 B	1/00
340, 341	B 25 G	1/00
		1/12
		3/00
342–345	B 25 G	3/00
346	B 26 B	9/00
346.5	B 26 B	21/54
346.51	B 26 B	19/04
346.52–346.61	B 26 B	21/54
347–352	B 26 B	9/00
353	B 26 B	9/00
		19/04
355–357	B 26 B	9/02
358–368	B 26 F	1/00
369	B 23 O	49/10
		49/12
		49/14
		49/16
	B 27 B	5/28
		5/29
		9/00
		19/09
		33/20
370	B 23 O	47/02
		51/02
		51/04
		59/00
	B 27 B	5/28
		9/00
371	B 23 B	21/08
		29/00
	B 23 O	47/02
		51/02
		51/04
		59/00
372	B 23 B	19/14
		21/08
	B 23 O	47/02
		51/02
		51/04
		59/00
373	B 23 B	19/14
	B 23 O	47/02
		51/02
		51/04
		59/00
	B 27 B	9/04
374	B 23 O	47/02
		51/02
		59/00
	B 27 B	9/04
		19/14
		21/08
375–377	B 23 O	47/02
		51/02
		59/00

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U.S. Class 30—Con.		
	B 27 B	9/02
		19/14
		21/08
378	B 23 D	47/04
		51/04
	B 27 B	21/00
		25/10
379–379.5	B 23 D	45/20
		45/22
		45/24
	B 27 B	9/00
		19/14
380	B 23 D	53/00
		55/00
	B 27 B	13/00
		15/00
381	B 23 D	57/02
	B 27 B	17/00
382	B 23 D	57/02
		59/00
	B 27 B	17/00
383	B 23 D	57/02
		59/00
	B 27 B	17/02
384, 385	B 23 D	57/02
		59/00
	B 27 B	17/00
		17/04
386	B 23 D	57/02
		59/00
	B 27 B	17/00
387	B 23 D	57/02
	B 27 B	17/02
388	B 23 D	45/16
389	B 23 D	45/16
		47/12
	B 27 B	9/00
390, 391	B 23 D	45/16
		47/00
	B 27 B	9/00
		9/04
392, 393	B 23 D	49/04
		49/06
		49/10
		49/12
		49/14
		49/16
	B 27 B	19/00
		19/04
		19/08
U.S. Class 33		
Geometrical instruments		
(IPC B 43 L)		
1	B 43 L	5/00
		13/20
	G 01 B	3/14
		5/24
	G 01 C	21/20
	G 01 V	1/30
	G 06 G	
	G 09 B	29/10
2	A 41 H	1/00
	A 42 C	3/06
3–4	A 43 D	1/00
5	A 43 D	8/28
6	A 43 D	1/00
7	A 41 H	1/00
		21/00
		23/00
8	A 41 H	1/04
9	A 41 H	1/04
		23/00
10	A 41 H	1/00
		21/00
11	A 41 H	1/00
	A 42 C	3/06
12–14	A 41 H	3/00
15	A 41 H	1/02
		1/10
		3/04
16	A 41 H	1/00
	A 42 C	3/06
17	A 41 H	3/00
	A 42 C	1/00
18	B 43 L	13/00
19	B 43 L	13/24
20	B 43 L	13/16
21–22	B 43 L	9/00
		13/10
23–25	B 43 L	13/10
26–29	B 43 L	9/00
		11/00
30–31	B 43 L	11/04
32–33	B 43 L	13/00
34–39	B 41 G	3/00
	B 43 K	27/08
	B 43 L	13/00
40	B 43 L	13/24
41–43	B 43 L	13/02
44	B 43 K	27/00
45	B 41 G	3/00
	B 43 K	27/08
121–122	G 01 B	5/26
		11/28
		13/20
		21/28
		21/28
		21/28
		21/28
123	G 01 B	7/32
124	G 01 B	5/26
		11/28
		13/20
		21/28
		21/28
		21/28
125	A 45 B	3/08
	B 26 D	7/28
	G 01 B	
	G 01 D	
126–126.4	E 21 B	47/04
	G 01 B	3/02
		5/18
	G 01 F	23/04
126.5–126.6	G 01 B	3/00
	G 01 F	23/04
126.7	G 01 F	23/04
127–128	B 65 H	61/00
	G 01 B	3/00
129–134	G 01 B	3/12
		5/04
136	G 01 B	5/04
137–140	G 01 B	3/02
		3/10
141–142	G 01 B	3/12
		7/04
143	G 01 B	5/00
144, 146	B 61 K	9/08
	E 01 B	29/04
147, 148	G 01 B	5/00
149	B 43 L	9/00
	G 01 B	3/16
150	B 43 L	9/08
	G 01 B	3/16
151	B 43 L	9/18
	G 01 B	3/16
152	B 43 L	9/00
	G 01 B	3/16
153–157	B 43 L	9/20
		9/22
	G 01 B	3/16
158–160	B 43 L	9/04
	G 01 B	5/00
		5/16
161	G 01 B	3/08
162	G 01 B	3/20
		5/14
163–167	G 01 B	3/18
		5/00
168	G 01 B	3/30
		3/38
		3/46
169–173	G 01 B	3/22
		5/00
	G 03 B	1/64
174	A 61 B	5/08
		5/10
	B 23 F	23/08
	G 01 B	
	G 01 D	
175–176	G 01 B	5/20
177	B 43 L	13/20
	G 01 B	3/14
178	E 21 B	47/08
	G 01 B	3/34
		3/38
		3/46
		5/08
		7/12
		11/08
		13/08
		21/10
		21/10
		21/10
179	G 01 B	3/10
179500	G 01 B	21/20
179.5	G 01 B	3/14
		3/22
		5/20
		7/28
		9/08
		11/24
		13/16
		15/04
		21/20
		21/20
		21/20
180–183	G 01 B	3/30
		3/38
		5/14
		5/24
184	G 04 D	7/00
184.5–184.6	B 41 B	1/00
185–186	B 27 G	23/00
187–188	G 01 B	3/30
		5/16
189	B 23 B	49/02
	B 23 Q	35/02
	B 26 F	1/32
	G 01 B	5/14
		7/14
		11/14
		13/12
		21/16
		21/16
		21/16
190	A 41 H	25/00
	A 43 D	8/26
	G 01 B	5/14
191	B 25 D	5/00
192	B 43 L	9/08
193	G 01 B	3/14
194	E 04 F	21/00
	E 06 B	3/00
195	A 01 L	11/00
196	B 24 B	53/00
	G 01 B	3/22
197	B 27 G	17/08
	E 05 B	17/06
199	G 01 B	3/14
		3/36
		3/40
		3/48
		5/16
		5/20
200	A 61 B	3/10
201	G 01 B	5/20
202	B 23 D	63/00
	G 01 B	5/20
203	G 01 B	5/20
		5/24
203.1	G 04 D	7/08
203.11	B 61 K	9/12
	G 01 B	3/14
203.12–203.21	G 01 B	5/24
		7/30
		11/26
		13/18
		21/22
		21/22
		21/22
227	G 01 C	
228	F 41 G	
229–231	F 41 G	3/24
232	G 01 C	21/00
		23/00
233	F 41 G	
235–237	F 41 G	3/00
238–239	F 41 G	3/08
240	F 41 G	3/10
241	F 41 G	1/32
242, 243	F 41 G	1/00
244	F 41 G	1/02
		1/06
		1/38
		3/00
245–250	F 41 G	1/38
251	F 41 G	1/02
		1/08
		11/00
252–260	F 41 G	1/02
		1/06
		1/16
		1/44
		11/00
261	F 41 G	1/00
		11/00
262	G 01 C	1/08
		3/00
		5/00
		9/00
		15/00
		21/00
263, 264	G 01 C	
265	F 41 G	1/00
266	G 01 B	13/02
	G 01 C	3/00
267	G 01 C	1/00
		1/02
		3/02
268	G 01 C	17/34
269–271	G 01 C	17/34
		21/02
	G 04 B	49/00
272, 273	G 01 C	1/00
		3/00
		17/00
274	G 01 C	21/22
275	G 01 C	1/04
		3/00
		5/00
		23/00
276–280	G 01 C	3/00
281–285	G 01 C	1/00
		1/02
		15/10
286	G 01 C	15/00
287	E 01 B	29/04
288	G 01 B	5/24
		5/25
		5/255
289	G 01 C	15/00
290–292	G 01 C	5/00
293	G 01 C	15/02
		15/06
294	G 01 C	15/06
295	G 01 C	15/08
296	G 01 C	15/00
297, 298	F 41 G	1/38
		1/42
299	F 41 G	
	G 01 C	
300	G 01 C	
301	G 01 C	9/00
		17/00
		19/00
302	E 21 B	47/02
303	G 01 C	9/26
		17/38
		19/04
304–314	E 21 B	47/022
316–317	G 01 C	19/36
318	G 01 C	19/00
319	G 01 C	17/18
320–323	G 01 C	19/00
324–327	G 01 C	19/38
328–330	G 01 C	19/00
331	G 01 D	1/00
332	G 01 B	21/00
333	B 23 B	49/00
	B 23 Q	17/00
	B 60 K	35/00
		37/00
334	B 23 B	45/14
	B 25 B	29/00
	F 41 C	27/00
	G 03 B	17/06
335–337	G 01 B	13/18
		21/22
338	E 01 B	35/02
339	G 01 C	9/00
340–343	G 01 B	21/00
344–346	G 01 C	9/00
		17/00
347	G 01 C	9/02
		9/28
		17/18
348, 348.2	G 01 C	9/32
		17/20
349	G 01 C	9/00
		17/14
350	G 01 C	9/08
		17/18
351	G 01 C	9/00
352	G 01 C	17/00
353	G 01 C	9/00
354	G 01 C	9/00
		17/00
355	G 01 C	17/02
356–359	G 01 C	17/38
360	G 01 C	17/26
361, 362	G 01 C	17/28
363	G 01 C	17/26
364	G 01 C	17/08
365	G 01 C	9/10
366	G 01 C	9/06
367	G 01 C	5/04
		9/22
368–376	G 01 C	9/00
377–378	G 01 C	9/20
379	G 01 C	9/24
380	G 01 C	9/30
381–383	G 01 C	9/24
384–388	G 01 C	9/28
389	G 01 C	9/24
390	G 01 C	9/36
391	G 01 C	9/12
392–394	G 01 C	15/10
395	G 01 C	9/16
396	G 01 C	9/12
397	G 01 C	9/14
398–400	G 01 C	9/12
401	G 01 C	9/04
402	G 01 C	9/12
403	B 43 L	7/00
404–410	B 43 L	13/00
	G 01 C	15/10
411	B 43 L	7/00
412	G 01 B	5/24
		13/18
413	B 43 L	7/00
	B 44 D	3/00
414	B 44 D	3/38
415–417	B 43 L	7/06
418–426	B 43 L	7/06
		13/00
427–429	B 43 L	7/00
		13/00
430, 431	A 47 B	27/00
		85/02
	B 43 L	5/00
		7/00
		9/00
		11/00
		13/00
432–434	B 43 L	13/14
435	B 43 L	13/00
436	G 01 B	3/00
437	B 43 L	7/08
438–442	B 43 L	13/02
443–446	A 47 B	27/00
	B 43 L	5/00
		13/00
		13/24
447–450	B 43 L	13/02

U.S. Class 33—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		13/24
451	B 43 L	7/00
	G 01 C	9/00
452–473	B 43 L	7/06
		13/00
474–482	B 43 L	7/00
		13/00
483–494	B 43 L	7/00
	G 01 C	3/04
		3/10
495–500	B 43 L	7/06

U.S. Class 34

Drying and gas or vapor contact with solids

(IPC F 26 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 26 B	3/34
2	0 06 M	3/00
3	A 45 0	20/00
4	F 26 B	3/28
5	F 26 B	5/06
		5/10
6, 7	F 26 B	7/00
8	F 26 B	5/08
9–9.5	F 26 B	3/00
10	F 26 B	3/08
		3/10
11–13.8	F 26 B	7/00
14	F 26 B	5/14
15–16.5	F 26 B	5/04
17–21	F 26 B	7/00
22–38	F 26 B	3/00
		5/00
39–41	F 26 B	3/32
42	F 26 B	7/00
43	F 26 B	13/10
		21/00
44, 45	F 26 B	13/10
		19/00
46	F 26 B	21/06
47–49	F 26 B	19/00
50	F 26 B	21/08
51	F 26 B	21/06
52	F 26 B	13/10
		19/00
53	F 26 B	19/00
54	F 26 B	21/00
55	F 26 B	19/00
56	F 26 B	13/10
		19/00
57	F 26 B	17/00
58, 59	F 26 B	17/24
		17/30
60–71	F 26 B	19/00
72–84	F 26 B	21/06
85–91	F 26 B	19/00
92	F 26 B	13/30
93, 94	F 26 B	19/00
95	F 26 B	13/26
95.1	B 43 L	17/04
95.2	B 43 L	17/04
95.3	B 43 L	17/08
95.4	B 43 L	17/08
		21/00
96–101	A 45 0	
102–107	F 26 B	25/00
108–142	0 06 F	58/00
	F 26 B	11/02
143–146	F 26 B	9/04
147	F 26 B	15/26
148–160	F 26 B	13/00
161–163	F 26 B	9/00
		13/06
164	F 26 B	9/00
165–178	F 26 B	17/12
179–183	F 26 B	11/12
184–188	F 26 B	11/00
189, 190	F 26 B	11/18
		13/10
		15/20
191	F 26 B	21/06
192–200	F 26 B	11/18
		11/22
		25/18
201–235	F 26 B	19/00
		25/06
236	F 26 B	19/00
		25/00
237, 238	F 26 B	25/10
		25/18
239	A 01 F	25/12
	0 06 C	
	F 26 B	25/00
240	A 01 F	25/12
	F 26 B	9/10
		25/20
241	F 26 B	21/12
242	F 26 B	25/00
243	F 26 B	19/00

U.S. Class 36

Boots, shoes and leggings

(IPC A 43 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 43 B	
1.5	A 43 B	3/00
2	A 41 0	17/00
2.6	A 43 B	7/02
3	A 43 B	7/06
4	A 43 B	1/10
		1/12
7.1	A 43 B	3/16
7.2	A 43 B	3/18
7.3, 7.4	A 43 B	1/10
7.5	A 43 B	3/10
		3/12
7.6	A 43 B	3/10
		15/00
7.7	A 43 B	3/18
7.8	A 43 B	3/10
8.1	A 43 B	5/08
8.2	A 43 B	3/00
8.3	A 43 B	5/12
8.4	A 43 0	1/00
9	A 43 B	1/02
10	A 43 B	3/10
		17/00
		19/00
11	A 43 B	3/14
11.5	A 43 B	3/12
12	A 43 B	13/28
13	A 43 C	13/00
14	A 43 C	13/08
15	A 43 C	13/00
16	A 43 B	9/10
17	A 43 B	13/18
18	A 43 B	9/02
		13/28
19	A 43 B	9/02
		13/28
19.5	A 43 B	9/12
		13/32
21	A 43 B	13/28
22	A 43 B	13/00
23, 24	A 43 B	23/20
24.5	A 43 B	13/28
25	A 43 B	13/00
26	A 43 B	13/02
		13/14
27	A 43 B	13/28
28	A 43 B	13/18
29	A 43 B	13/20
30	A 43 B	13/12
31	A 43 B	13/14
32	A 43 B	13/04
		13/06
33	A 43 B	13/08
34	A 43 B	21/00
35	A 43 B	21/26
36	A 43 B	21/36
37	A 43 B	21/32
38	A 43 B	21/30
39	A 43 B	21/24
40	A 43 B	21/02
41, 42	A 43 B	21/36
43, 44	A 43 B	13/38
		23/00
45–49	A 43 B	23/00
50–53	A 43 B	11/00
54	A 43 B	23/26
55	A 43 B	23/07
56	A 43 B	11/00
57, 58	A 43 B	23/00
		23/08
58.5, 58.6	A 43 B	23/28
59	A 43 B	23/28
	A 43 C	15/00
61–67	A 43 C	15/00
68	A 43 B	13/42
69	A 43 B	23/08
		23/10
70	A 43 C	15/00
71	A 43 B	19/00
71.5	A 43 C	13/00
72–75	A 43 B	13/22
76	A 43 B	13/42
		23/22
77	A 43 C	13/14
78	A 43 B	15/00
80	A 43 B	21/36
		23/28
81	A 43 B	7/16
82	A 43 B	21/00
83	A 43 B	
84	A 43 B	1/02
85	A 43 B	1/08
86	A 43 B	1/06
87	A 43 B	1/14
88	A 43 B	7/14
89	A 43 B	7/20
90	A 43 B	3/30
91	A 43 B	7/22
92	A 43 B	7/16
93	A 43 B	7/14
94	A 43 B	7/26
95	A 43 B	7/30
96	A 43 B	7/14
97	A 43 B	3/26
98	A 43 B	13/22
		23/16
99	A 43 B	13/14
100, 101	A 43 B	3/24
102	A 43 B	1/10
103, 104	A 43 B	13/00
105	A 43 B	21/00
106	A 43 B	
107, 108	A 43 B	23/00
109	A 43 B	23/02
110	A 43 B	
111	A 61 0	9/00
112	A 43 B	3/28
		3/30
113	A 43 B	3/00
114	A 43 B	5/00
115–125	A 43 B	5/04
		5/16
126, 127	A 43 B	5/00
128	A 43 B	5/02
129–135	A 43 B	5/00
136, 137	A 43 B	23/00
138	A 43 B	11/00
139	A 43 B	23/00

U.S. Class 37

Excavating

(IPC E 02 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 02 F	
2	A 01 B	13/00
	A 01 G	23/06
	E 02 F	3/76
3	E 21 C	49/00
4	B 60 P	1/00
	E 02 F	
7, 8	B 60 P	1/36
	E 02 F	
9	B 60 P	1/00
	E 02 F	
54	E 02 F	
55	E 02 F	5/00
56	E 02 F	
57	E 02 F	3/94
		7/00
58–68	E 02 F	3/88
69	E 02 F	3/14
70	E 02 F	3/18
71	E 02 F	3/34
		3/40
		3/47
72	E 02 F	3/90
73, 74	E 02 F	9/00
75–79	E 02 F	3/00
80	E 02 F	5/02
81, 82	E 02 F	5/04
83–90	E 02 F	5/06
91–97	E 02 F	5/08
98–103	E 02 F	5/02
104–107	E 02 F	5/22
108–114	E 02 F	5/00
115–117	E 02 F	3/46
117.5	E 02 F	3/76
118	E 02 F	3/00
119	E 02 F	5/00
120–122	E 02 F	
124–141	E 02 F	
142	E 02 F	9/28
142.5	E 02 F	5/22
182–188	B 66 C	3/02
189, 190	E 02 F	3/24
191, 192	E 02 F	3/14
193	E 02 F	5/18
194	E 02 F	9/00
195	E 02 F	1/00
196	E 01 C	19/22
	E 01 H	4/00
		5/00
197	E 01 H	4/00
		5/00
		8/02
198	E 01 H	8/02
199, 200	E 01 H	8/08
201, 202	E 01 H	8/02
203, 204	E 01 H	8/10
205	E 01 H	8/06
206	E 01 H	8/04
207	E 01 H	8/12
208	E 01 H	8/02
209–213	E 01 H	8/06
214–218	E 01 H	8/04
219	A 63 C	19/10
	E 01 C	19/22
	E 01 H	4/00
220	E 01 C	19/22
221–223	E 01 H	4/00
224	E 01 C	19/23
225, 226	B 30 B	9/00
	E 01 H	5/00
227–230	E 01 H	5/10
231–236	E 01 H	5/04
237	E 01 H	5/07
238–240	E 01 H	5/09
241	E 01 H	5/00
		6/00
242	E 01 H	5/09
		6/00
243	E 01 H	5/09
244–262	E 01 H	5/09
263–264	E 01 H	5/04
265	E 01 H	5/02
266–277	E 01 H	5/06
278	E 01 H	5/02
279–283	E 01 H	5/06
284, 285	E 01 H	5/02

U.S. Class 38

Textiles, ironing or smoothing

(IPC D 06 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	0 06 F	69/00
2	0 06 F	61/00
		63/00
		65/00
		69/00
		71/00
		87/00
4	0 06 F	61/00
		63/00
		65/00
		69/00
		71/00
5	0 06 F	71/00
6, 7	0 06 F	61/00
		63/00
		65/00
		69/00
		71/00
8–11	0 06 F	69/02
12, 13	0 06 F	71/40
14–16	0 06 F	71/34
17	0 06 F	71/00
18	0 06 F	71/08
19–21	0 06 F	71/00
22	0 06 F	71/08
23, 24	0 06 F	71/00
25	0 06 F	71/08
26	0 06 F	71/00
27	0 06 F	71/08
28–31	0 06 F	71/00
32–41	0 06 F	71/08
42, 43	0 06 F	71/00
44	0 06 F	61/00
		67/00
45	0 06 F	61/00
		63/00
		67/00
46	0 06 F	61/00
47	0 06 F	63/00
48	0 06 F	61/04
49–51	0 06 F	61/08
52, 53	0 06 F	61/02
54	0 06 F	63/00
		65/00
55	0 06 F	63/00
		65/10
56	0 06 F	63/00
		65/00
57	0 06 F	63/00
		65/10
58, 59	0 06 F	63/00
		65/08
60	0 06 F	63/00
		65/04
61	0 06 F	63/00
		65/06
62	0 06 F	61/00
63	0 06 F	67/00
		71/32
64	0 06 F	67/00
		71/40
66	0 06 F	71/36
		83/00
67	0 06 F	67/06
		71/32
68	0 06 F	67/00
		69/02
		71/32
69–73	A 47 G	25/00
		25/62
		25/66
		25/72
		25/76
		25/78
	E 04 H	15/20
74–76	0 06 F	75/00
77.1	0 06 F	75/06
		75/10
		75/22
77.2	0 06 F	75/06
		75/10
77.3	0 06 F	75/06
		75/32
77.4	0 06 F	75/06
		75/10
77.5	0 06 F	75/06

U.S. Class 38—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		75/10
		75/22
77.6	D 06 F	75/06
		75/12
77.7	D 06 F	75/06
		75/10
77.8–77.82	D 06 F	75/06
		75/14
77.83	D 06 F	75/06
		75/18
77.9	D 06 F	75/06
		75/20
79	D 06 F	75/40
80, 81	D 06 F	75/00
82	D 06 F	75/02
		75/08
83	D 06 F	75/04
84–87	D 06 F	75/02
88, 89	D 06 F	75/36
90–92	D 06 F	75/34
93	D 06 F	75/38
94, 95	D 06 F	79/00
96	D 06 F	75/40
97	D 06 F	75/38
98	D 06 F	79/00
99	A 47 G	25/00
		25/72
100, 101	D 06 F	75/00
102	D 06 C	3/00
102.1	D 06 C	3/08
102.2	D 05 C	1/04
102.3	D 06 C	3/08
102.4–102.91	D 06 C	3/08
103–139	D 06 F	81/00
140	D 06 F	81/14
		83/00
141	D 06 F	79/00
142	D 06 F	79/02
143	D 06 F	67/04
144	D 06 F	

U.S. Class 40

Card, picture and sign exhibiting

(IPC G 09 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 09 F	11/00
1.5–2	A 44 C	3/00
5, 6	G 09 F	3/20
10–19	G 09 F	3/18
19.5	G 09 F	3/18
20	G 09 F	3/08
21	G 09 F	3/14
22	G 09 F	3/12
23	G 09 F	3/16
24–26	G 09 F	3/12
27	G 09 F	3/02
27.5	G 09 F	3/02
107	G 09 D	3/00
109	G 09 D	3/10
110	G 09 D	3/00
111–112	G 09 D	3/06
113	G 09 D	3/08
114	G 09 D	3/06
115	G 09 D	3/08
116–118	G 09 D	3/10
119–121	G 09 D	3/04
122	G 09 D	3/02
124	G 09 F	1/10
124.1	G 09 F	1/00
124.2, 124.4	G 09 F	1/10
124.5	G 09 F	19/00
152	A 47 G	1/06
	G 09 F	1/12
152.1	A 47 G	1/06
	G 09 F	1/12
152.2	A 47 G	1/06
	G 09 F	13/00
153–157	A 47 G	1/06
	G 09 F	1/12
158, 159	A 47 G	1/06
	G 09 F	1/10
160	A 47 G	1/06
	G 09 F	1/12
200	G 09 F	7/00
201	G 09 F	7/00
202, 203	G 09 F	7/00
204	G 09 F	13/02
205, 206	G 09 F	13/08
207	G 09 F	7/02
208	G 09 F	13/16
209, 210	G 09 F	7/00
211	G 09 F	7/22
212	G 09 F	21/06
213	G 09 F	21/16
214	G 09 F	21/06
215	G 09 F	21/12
216	B 64 D	1/02
217	G 09 F	21/06
218	G 09 F	17/00
219	G 09 F	13/12
300–340	G 09 F	3/00
341	B 41 J	11/38
		13/00
342	B 41 J	11/38
		13/00
343	B 41 J	11/36
		13/00
344–346	B 41 J	11/38
		13/02
347–348	B 41 J	11/38
		15/02
349–351	B 41 J	11/14
352–357	B 41 J	11/64
358	B 43 M	3/00
		17/00
359, 360	B 42 F	21/00
	B 65 D	27/00
361–364	G 02 B	27/02
365	G 02 B	27/04
366, 367	G 02 B	27/02
368, 369	G 09 F	9/00
370	G 09 F	21/04
372	B 42 F	17/06
373	B 42 F	
374	B 42 F	
375	B 42 F	
376	B 42 F	
377	A 47 B	49/00
378	B 42 F	
		17/34
379	B 42 F	13/12
380	B 42 F	
381	B 42 F	17/34
382, 383	B 42 F	17/04
384	B 42 F	21/00
385–387	B 42 F	17/28
388	B 42 F	17/00
389	B 42 F	17/20
390	B 42 F	17/00
391	B 42 F	17/22
392	B 42 F	17/18
393	B 42 F	21/00
394	B 42 F	17/18
395–398	B 42 F	17/22
399	B 42 F	1/10
		3/00
		5/00
400	B 42 F	17/22
401, 402	B 42 F	13/00
403	B 42 F	17/22
404	B 42 F	3/00
405	B 42 F	5/00
406–410	G 09 F	19/00
411–425	G 09 F	19/08
426	G 09 F	19/00
427	A 47 F	11/06
	B 44 F	1/00
	G 09 F	19/12
428–430	G 09 F	19/00
431	G 09 F	13/00
432	G 09 F	13/30
433, 434	G 09 F	13/00
435–441	G 09 F	19/00
442–444	G 09 F	13/00
445	G 09 F	19/00
446	G 09 F	
447	G 09 F	3/04
448, 449	G 09 F	9/00
450	G 09 F	3/04
451, 452	G 09 F	3/04
453	G 09 F	19/14
454	G 03 B	25/02
455–457	G 09 F	27/00
458	G 09 F	19/00
459, 460	G 09 F	19/04
461	G 09 F	19/00
462	G 09 F	21/04
463	G 09 F	
464	G 09 F	
465	G 09 F	
466.	G 09 F	
467	G 09 F	
468	G 09 F	
469	G 09 F	
470	G 09 F	19/00
471	G 09 F	11/18
472	G 09 F	11/12
473–475	G 09 F	11/02
476	G 09 F	11/00
477	G 09 F	19/00
478	G 09 F	11/18
479	G 09 F	11/02
480	G 09 F	13/00
481–485	G 09 F	19/00
486–488	G 09 F	7/00
489–491	G 09 F	11/00
492	G 09 F	7/00
493, 494	G 09 F	11/02
495, 496	G 09 F	11/04
497–501	G 09 F	11/02
502	G 09 F	13/00
503–507	G 09 F	11/02
508–511	G 09 F	11/30
512	G 09 F	11/32
513	G 09 F	11/30
514–523	G 09 F	11/18
524–528	G 09 F	11/12
529	G 09 F	11/00
530–537	G 09 F	19/00
538–540	G 09 F	1/08
541	G 09 F	13/00
542	G 09 F	13/20
543	G 09 F	13/00
544	G 09 F	13/22
545	G 09 F	13/26
546	G 09 F	13/18
547–549	G 09 F	13/00
550, 551	G 09 F	13/28
552–558	G 09 F	13/00
559	G 09 F	13/02
560–563	G 09 F	13/00
564, 565	G 09 F	13/04
566, 567	G 09 F	23/00
568–578	G 09 F	13/04
579, 580	G 09 F	13/06
581	G 09 F	13/00
582, 583	G 09 F	13/16
584, 585	G 09 F	7/00
586	G 09 F	21/02
587–593	G 09 F	21/04
594	G 09 F	7/12
595	G 09 F	7/16
596, 597	G 09 F	7/00
598	A 63 B	71/06
599	G 09 F	23/00
600	G 09 F	7/04
601, 602	G 09 F	7/00
603, 604	G 09 F	17/00
605	G 09 F	7/00
606–608	G 09 F	15/00
609	G 09 F	23/00
610	G 09 F	15/00
611	G 09 F	7/02
612	G 09 F	
613–615	G 09 F	19/00
616	G 09 F	
617	G 09 F	7/22
618	G 09 F	7/02
619, 620	G 09 F	7/00
621	G 09 F	7/04
622	G 09 F	7/06
623	G 09 F	7/00
624	G 09 F	15/00
625–629	G 09 F	3/02
630	G 09 F	3/04
		3/10
631, 632	G 09 F	3/02
908–915	G 09 F	

U.S. Class 42

Firearms

(IPC F 41 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 41 C	
	F 41 F	27/00
		27/00
2–5	F 41 C	7/00
		11/00
6	F 41 C	25/00
7	F 41 C	25/06
8–22	F 41 C	7/00
		11/00
23–43	F 41 C	7/00
		11/00
25	F 41 C	15/00
44, 45	F 41 C	11/02
46	F 41 C	15/00
		15/06
		15/08
		15/12
		15/14
		15/16
47, 48	F 41 C	15/00
49	F 41 C	25/00
50	F 41 C	25/02
51	F 41 C	7/00
52	F 41 C	9/04
53	F 41 C	9/00
54	F 41 C	3/00
		3/06
	F 41 F	27/00
		27/00
55	F 41 C	3/00
		3/06
57	F 41 C	3/06
		3/08
58	F 41 C	3/00
		3/06
59	F 41 C	1/00
60	F 41 C	1/00
		25/00
61, 62	F 41 C	1/00
63, 64	F 41 C	1/02
65	F 41 C	1/00
66, 67	F 41 C	17/04
68	F 24 H	9/06
	F 41 C	15/00
69	F 41 C	11/02
		19/00
70	F 41 C	11/02
		17/00
71–75	F 41 C	23/00
76–78	F 41 C	21/00
79	F 41 C	15/18
		21/00
83	F 41 C	17/00
84	F 41 C	19/12
85	F 41 C	23/00
		23/02
86	F 41 C	21/16
		27/02
	F 41 H	5/10
87–89	F 41 C	25/00
	F 42 B	39/04
90	F 41 C	15/00
		27/00
		31/00
93	F 41 C	27/00
		27/04
		31/00
94	F 41 C	27/00
		29/00
		31/00

U.S. Class 43

Fishing, trapping and vermin destroying

(IPC A 01 M)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 M	
2, 3	A 01 M	31/06
4	A 01 K	
4.5	A 01 K	69/00
		71/00
		73/00
		75/00
		79/00
5	A 01 K	97/14
6	A 01 K	81/00
6.5	A 01 K	81/04
		81/04
7	A 01 K	71/00
		71/00
		73/00
		75/00
		75/00
8	A 01 K	73/00
		73/04
		73/06
		73/10
9	A 01 K	73/02
10	A 01 K	73/00
11, 12	A 01 K	77/00
13	A 01 K	75/00
14	A 01 K	73/12
15, 16	A 01 K	97/12
		97/12
17	A 01 K	85/01
		93/00
		97/12
17.1	A 01 K	79/02
17.2	A 01 K	97/00
17.5, 17.6	A 01 K	75/02
		85/00
		85/00
18.1–18.5	A 01 K	87/00
19	A 01 K	91/02
19.2	A 01 K	
		87/00
20, 21	A 01 K	87/06
		89/00
21.2	A 01 K	97/10
22	A 01 K	87/06
23	A 01 K	87/00
24	A 01 K	87/04
25, 22	A 01 K	97/16
25, 25.2	A 01 K	87/00
26	A 01 K	97/08
26.1	A 01 K	89/00
26.2	A 01 K	85/06
27.2, 27.4	A 01 K	91/00
34–37	A 01 K	83/00
		83/02
41, 41.2	A 01 K	97/04
43.16	A 01 K	83/00
43.2	A 01 K	83/00
43.4	A 01 K	83/00
43.6	A 01 K	83/00
44.2	A 01 K	83/06
44.4–44.82	A 01 K	83/06
44.83	A 01 K	91/04
44.84–44.86	A 01 K	91/04
44.87–44.97	A 01 K	91/00
		93/00
		95/00
44.98	A 01 K	91/00
44.99	A 01 K	97/02
53.5	A 01 K	97/00
54.1–57	A 01 K	97/00
		97/04
57.1, 57.2	A 01 K	97/06
57.3	A 01 K	97/00
		97/04
58	A 01 M	1/10
		23/00
59	E 05 G	3/00
60–63	A 01 M	23/02
		23/16
		23/32

U.S. Class 43—Con.

U.S. Subclass	IPC Subclass	IPC Notation
64	A 01 M	1/12
		23/14
65–67	A 01 K	69/06
	A 01 M	23/08
68	A 01 M	23/00
		23/16
69, 70	A 01 M	23/04
		23/12
71, 72	A 01 M	23/10
73	A 01 M	1/12
		23/14
74, 75	A 01 M	23/10
76–83.5	A 01 M	23/30
		23/36
84	A 01 M	27/00
85–87	A 01 M	23/34
88–91	A 01 M	23/26
92	A 01 M	23/24
		23/28
93–96	A 01 M	23/24
		23/26
		23/28
97	A 01 M	23/28
98, 99	A 01 M	19/00
		23/38
	H 05 C	3/00
100	A 01 K	69/00
101	A 01 K	69/00
102–104	A 01 K	71/00
105	A 01 K	69/10
106	A 01 K	69/04
107	A 01 M	1/20
108	A 01 M	1/18
109–111	A 01 M	1/10
112	A 01 M	1/22
	H 05 C	3/00
113	A 01 M	1/04
		1/08
114	A 01 M	1/14
115	A 01 M	1/14
116, 117	A 01 M	1/14
118	A 01 M	1/10
119	A 01 M	1/24
120–123	A 01 M	1/10
		1/20
		5/00
		7/00
		13/00
		17/00
		19/00
		25/00
124	A 01 M	
125–127	A 01 M	13/00
		19/00
128	A 01 K	55/00
129, 130	A 01 M	19/00
131	A 01 M	1/20
		25/00
132.1	A 01 M	1/20
		1/20
		5/00
		7/00
		17/00
133	A 01 M	5/00
134, 135	A 01 M	3/00
		5/02
136	A 01 M	3/04
		5/02
137	A 01 M	3/02
		5/02
138	A 01 M	5/04
139	A 01 M	1/06
		1/08
		5/00
		5/08
140	A 01 M	5/00
		5/08
141	A 01 M	5/08
142, 143	A 01 M	5/04
		5/08
144	A 01 M	1/20
		15/00
900	A 01 M	7/00

U.S. Class 44

Fuel and igniting devices

(IPC C 10 L)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 10 L	
2	C 10 L	
3	F 24 J	1/00
		3/00
4–6	C 10 L	9/00
		10/00
7.1–7.7	C 10 L	7/00
7.5	C 10 L	5/00
	C 11 C	5/00
10	C 10 L	5/00
11–13	B 28 B	
	B 30 B	11/00
	C 10 L	5/22
14	C 10 L	5/36
15	C 10 L	5/10
		5/40
16	C 10 L	5/12
		5/40
17	C 10 L	5/02
18	C 10 L	5/10
		5/40
19	C 10 L	5/12
		5/16
		5/40
20–21	C 10 L	5/12
		5/14
		5/40
22	C 10 L	5/14
		5/40
23	C 10 L	5/16
		5/40
24	C 10 L	5/14
		5/18
		5/40
25	C 10 L	5/14
		5/40
26	C 10 L	5/12
		5/40
27	C 10 F	
28–30	C 10 F	
	F 26 B	
31	C 10 F	7/02
32	C 10 F	7/06
33	C 10 F	5/00
		7/00
34	C 10 L	11/00
35	C 10 L	11/08
36, 37	F 23 Q	21/00
38–41	C 10 L	11/00
42	C 06 F	3/00
		5/00
43, 44	A 24 F	27/12
	C 06 F	5/00
45	A 24 F	27/20
		27/26
46	C 06 F	3/02
47	C 06 F	
48	A 24 F	29/00
50	C 10 L	1/00
51	C 10 L	1/32
52	C 10 L	1/00
53–56	C 10 L	1/02
57	C 10 L	1/08
		1/10
58–60	C 10 L	1/10
61–63	C 10 L	1/14
64	C 10 L	1/22
65, 66	C 10 L	1/18
67	C 10 L	1/12
		1/30
68, 69	C 01 L	1/14
		1/30
70	C 10 L	1/18
71–75	C 10 L	1/22
76	C 10 L	1/24
		1/26
		1/28
		1/30
77, 78	C 10 L	1/18
79	C 10 L	1/20

U.S. Class 46

Amusement devices, toys

(IPC A 63 H)

U.S. Subclass	IPC Subclass	IPC Notation
1–5	A 63 H	33/00
6–9	A 63 H	33/28
10	A 63 H	33/36
11–13	A 63 H	33/00
14, 15	A 63 H	3/52
16	A 63 H	33/00
17–19	A 63 H	33/06
20	A 63 H	33/08
21	A 63 H	33/16
22	A 63 H	33/00
23, 24	A 63 H	33/04
25	A 63 H	33/08
26	A 63 H	33/10
27, 28	A 63 H	33/06
29	A 63 H	33/10
30	A 63 H	33/06
31	A 63 H	33/10
32	A 63 H	3/50
33	A 63 H	33/30
34	A 63 H	33/00
35–37	A 63 H	
38	A 63 H	37/00
39, 40	A 63 H	33/30
41	A 63 H	29/10
42	A 63 H	29/08
43	A 63 H	33/00
44	A 63 H	29/16
45	A 63 H	33/26
47	A 63 H	1/32
48	A 63 H	33/36
49–51	A 63 H	1/32
52	A 63 H	5/00
53–59	A 63 H	33/40
60–63	A 63 H	27/127
62	A 63 H	1/32
63	A 63 H	1/28
64	A 63 H	1/00
65	A 63 H	1/00
		1/10
66	A 63 H	1/26
		1/28
67	A 63 H	1/02
68	A 63 H	1/06
69	A 63 H	1/02
70	A 63 H	1/04
71–73	A 63 H	1/00
74	A 63 H	27/00
75	A 63 H	27/127
76	A 63 H	27/00
77	A 63 H	27/04
78–80	A 63 H	27/00
81	A 63 H	27/14
82–85	A 63 H	27/00
86	A 63 H	33/20
87–90	A 63 H	3/06
91	A 63 H	23/00
92	A 63 H	23/10
93	A 63 H	23/02
94	A 63 H	23/04
95	A 63 H	23/06
96	A 63 H	23/10
97	A 63 H	11/10
98, 99	A 63 H	5/00
100–104	A 63 H	11/10
105	A 63 H	13/02
106–108	A 63 H	11/10
109	A 63 H	17/18
110	A 63 H	11/10
111–114	A 63 H	5/00
115, 116	A 63 H	13/00
117, 118	A 63 H	5/00
119–124	A 63 H	11/00
126	A 63 H	7/00
127	A 63 H	11/00
128, 129	A 63 H	13/02
130, 131	A 63 H	13/12
132	A 63 H	11/04
133	A 63 H	3/18
134	A 63 H	15/08
135	A 63 H	11/00
136	A 63 H	13/02
137	A 63 H	13/20
138–141	A 63 H	13/02
142, 143	A 63 H	13/06
144	A 63 H	13/04
145, 146	A 63 H	13/16
147	A 63 H	13/18
148	A 63 H	13/02
149, 150	A 63 H	11/14
151, 152	A 63 H	3/00
153	A 63 H	3/12
154	A 63 H	3/14
155	A 63 H	15/06
156, 157	A 63 H	9/00
158–160	A 63 H	3/02
161	A 63 H	3/20
162	A 63 H	3/36
163	A 63 H	3/46
164	A 63 H	3/36
165, 166	A 63 H	3/38
167–169	A 63 H	3/40
170	A 63 H	3/38
171	A 63 H	3/36
172	A 63 H	3/44
173	A 63 H	3/46
174–182	A 63 H	5/00
183–188	A 63 H	2/28
		3/30
		3/33
		5/00
189	A 63 H	5/00
190	A 63 H	5/06
191–193	A 63 H	5/00
194, 195	A 63 H	5/04
196–200	A 63 H	5/00
201–205	A 63 H	11/10
206–208	A 63 H	17/00
209	A 63 H	29/20
210	A 63 H	30/00
211	A 63 H	17/26
212	A 63 H	17/40
213	A 63 H	17/36
214	A 63 H	17/06
215	A 63 H	17/08
		33/30
216	A 63 H	19/00
217	A 63 H	19/02
218	A 63 H	19/16
219	A 63 H	17/045
		17/14
220	A 63 H	33/02
221–223	A 63 H	17/26
226–242	A 63 H	33/26
248, 249	A 63 H	17/00
250	A 63 H	23/04
251, 252	A 63 H	17/00
253	A 63 H	30/02
254, 255	A 63 H	30/04
256	A 63 H	30/00
257–261	A 63 H	18/12
262	A 63 H	17/36
263	A 63 H	17/40
264–268	A 63 H	11/00
269	A 63 H	1/00

U.S. Class 47

Plant husbandry

(IPC A 01 G)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 C	
	A 01 G	
1.1	A 01 G	1/04
1.3	A 01 C	1/00
	A 01 G	7/04
1.4	A 01 G	7/00
	A 01 H	13/00
1.41	A 01 G	7/00
	A 01 H	1/02
1.42	A 01 B	77/00
	A 01 G	11/00
1.43	A 01 B	41/00
1.44	A 01 M	15/00
1.5, 1.7	A 01 C	
	A 01 G	
2	A 01 G	13/00
3–5.5	A 01 G	7/00
6, 7	A 01 G	1/00
8	A 01 G	17/18
9	A 01 G	7/00
10–12	A 01 G	23/10
14–16	A 01 C	1/00
17–19	A 01 G	9/00
20–22	A 01 G	13/02
23	A 01 G	13/10
		17/00
24	A 01 G	17/12
25	A 01 G	17/00
26, 27	A 01 G	13/00
28	A 01 G	13/00
	A 47 G	7/08
29	A 01 G	13/04
30, 31	A 01 G	13/00
	A 47 G	7/08
32	A 01 G	9/00
33	A 01 G	1/00
39, 40	A 47 G	7/00
40.5	A 47 G	7/02
		33/12
41–41.13	A 01 G	5/00
	A 47 G	7/00
42	A 01 G	
43	A 01 G	
44–47	A 01 G	17/06
		17/14
48.5	A 01 G	29/00
50–54	A 01 G	23/10
55	A 01 G	5/00
56	A 01 C	1/04
57.5	A 01 G	29/00
57.6	A 01 C	1/06
		21/00
58	A 01 B	79/00
	A 01 C	1/00
59–64	A 01 G	31/00
65	A 01 G	31/02
66	A 01 G	9/02
67	A 01 G	9/02
	A 47 G	7/02
68	A 01 G	9/02
69	A 01 G	9/14
70	A 01 G	9/12
71	A 01 G	9/04
72	A 01 G	9/02
73–75	A 01 G	23/02
76	A 01 G	23/04
77	A 01 G	9/10
78	A 01 G	9/02
79–82	A 01 G	25/00
83–87	A 01 G	9/02

U.S. Class 48

Gas, heating and illuminating

(IPC C 10 J)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07 C	11/24
	C 10 H	
2	C 10 H	5/00
3	C 10 H	
	C 10 K	3/06
4	C 10 H	
5–9	C 10 H	5/00
10	C 10 H	5/04
		5/08
11	C 10 H	5/00
		19/02
12–18	C 10 H	5/00
19–22	C 10 H	7/00
23–27	C 10 H	1/00
		3/00
28	C 10 H	1/02
		3/00
29–33	C 10 H	1/00
		3/00
34, 35	C 10 H	1/00
		3/00
		19/02
36	C 10 H	1/00
		3/00
		21/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 48—Con.		
37	C 10 H	1/02
		3/00
38	C 10 H	15/00
		19/00
39	C 10 H	15/14
40	C 10 H	15/00
41, 42	C 10 H	15/00
43	C 10 H	15/08
44	C 10 H	15/00
45	C 10 H	15/00
46	C 10 H	15/00
		19/00
47	C 10 H	15/20
48, 49	C 10 H	15/18
50	C 10 H	15/00
51	C 10 H	15/24
52–53.3	C 10 H	15/06
53.4	C 10 H	15/10
54	C 10 H	15/14
55	C 10 H	15/08
56	C 10 H	21/08
57	C 10 H	21/16
58	C 10 H	
59	C 10 H	21/02
60	C 10 H	21/02
		21/10
61	B 01 J	7/00
	C 10 J	
62	B 01 J	3/00
63, 64	C 10 J	3/20
65	C 10 J	3/18
		3/20
66	C 10 J	3/72
67, 68	C 10 J	3/76
69	C 10 J	3/72
71, 72	C 10 G	
	C 10 J	3/68
	C 10 K	3/00
73	C 10 J	3/20
74	C 10 J	3/72
75	C 10 J	3/20
76–78	C 10 J	3/68
79–81	C 10 J	3/68
82	C 10 J	3/20
83	C 10 J	3/22
84	C 10 J	3/68
		3/70
	C 10 K	3/00
85	C 10 J	3/20
85.1	C 10 J	3/00
		3/72
85.2	C 10 J	3/00
		3/32
86	C 10 J	3/30
		3/50
87	C 10 J	3/72
89	C 10 B	1/00
	C 10 J	3/00
	F 27 B	5/00
90, 92–96	C 10 J	3/00
98	C 10 J	3/20
		3/48
99–101	C 10 B	1/00
	C 10 J	3/00
	F 27 B	5/00
102–107	C 10 G	9/04
	C 10 J	3/00
108, 109	C 10 G	3/00
110	C 10 G	9/04
	C 10 J	3/00
111–113	C 10 J	3/00
116	C 10 J	1/20
117, 118	C 10 J	1/06
		1/20
118.5	C 10 J	3/20
119, 120	C 10 B	1/00
	C 10 G	9/04
	C 10 J	3/00
	F 27 B	5/00
122	C 10 B	1/08
	C 10 G	9/04
	C 10 J	3/00
	C 22 C	
	F 27 B	5/00
123	C 10 B	1/04
	C 10 G	9/04
	C 10 J	3/00
	F 27 B	5/00
124, 126	C 10 B	1/00
	C 10 G	9/04
	C 10 J	3/00
128	C 10 K	
144, 160	C 10 G	9/04
	C 10 J	1/00
		3/00
170	C 10 K	
173	C 10 J	3/82
174	F 17 B	1/00
175	F 17 B	1/14
176	F 17 B	1/18
177	F 17 B	1/20
178, 179	F 17 B	1/18
180–189	B 01 F	3/02
	C 10 K	
	F 02 M	
190	F 17 D	1/04
191, 192	F 17 D	3/00
193, 194	F 17 D	3/04
195	C 10 J	1/28
196	C 10 J	1/00
	C 10 K	
197	C 10 J	
	C 10 K	
199	C 10 J	1/20
	C 10 K	3/06
200	C 10 J	3/00
201	C 10 J	3/68
		3/70
	C 10 K	3/06
202	C 10 J	3/16
		3/46
	C 10 K	3/06
203	C 10 J	3/00
204	C 10 J	3/00
205	C 10 J	1/00
		3/00
	C 10 K	3/06
206–208	C 10 J	3/00
209, 210	C 10 J	3/00
211–215	C 01 B	2/14
	C 10 K	3/06
216–217	C 10 H	
219	C 10 J	1/00
	C 10 K	3/06

U.S. Class 49

Movable or removable closures

(IPC E 06 B)

1–8	E 05 F	15/20
9	E 01 F	13/00
10–12	E 06 B	11/00
13, 14	G 08 B	13/08
15–17	E 05 B	47/00
		53/00
18	E 05 B	47/06
	E 05 F	15/10
19, 20	E 05 B	47/00
		53/00
21–23	E 05 F	15/20
24	E 05 B	53/00
25	E 05 F	15/20
26–28	E 05 F	15/02
		15/10
29, 30	E 05 F	15/20
31	E 05 F	15/20
32	E 05 F	15/10
33	E 06 B	11/00
34	E 01 F	13/00
35	E 05 B	65/00
36	B 60 J	5/00
37	E 06 B	7/00
38, 39	E 06 B	7/02
40	E 06 B	3/34
41	E 06 B	3/34
42–45	E 05 D	15/02
46, 47	E 06 B	11/08
48	B 60 J	1/08
49	E 01 F	13/00
50–57	A 47 H	25/00
	E 06 B	3/68
		7/00
58–60	E 06 B	9/52
61–63	E 05 B	65/04
	E 05 C	7/02
64	E 06 B	7/08
65–67	E 05 B	65/04
	E 05 C	7/02
68–70	E 06 B	7/00
71	E 06 B	7/28
72	B 60 J	1/08
	E 06 B	13/00
73	E 05 C	7/06
	E 05 F	17/00
74–92	E 05 F	17/00
	E 06 B	7/08
93	E 06 B	11/00
94–102	E 05 C	7/06
	E 05 F	17/00
103	E 05 F	5/12
104–123	E 05 C	7/06
	E 05 F	17/00
124	E 06 B	11/00
125–127	E 05 D	15/26
128–130	E 05 D	15/20
131	E 06 B	11/00
132–134	E 05 F	13/04
	E 06 B	11/00
135	E 06 B	11/00
136	E 05 F	11/00
137	E 05 F	15/02
138	E 05 F	15/00
139, 140	E 05 F	15/00
141	E 05 B	65/10
142, 143	E 05 D	3/32
		15/00
144	B 60 J	1/12
145	E 06 B	3/32
146	B 60 J	1/08
147	E 05 D	7/00
148	E 06 B	7/00
149	E 05 D	15/48
	E 05 F	11/52
150, 151	E 05 D	15/22
152–154	E 05 D	15/48
	E 05 F	11/52
155	E 05 D	15/22
156	E 06 B	11/00
157	E 05 D	15/48
	E 05 F	11/52
158–160	E 06 B	11/00
161, 162	E 05 D	15/22
163	E 05 D	15/48
	E 05 F	11/52
164, 165	E 05 D	15/22
166, 167	B 60 J	1/08
	E 06 B	15/48
168–170	E 05 D	15/48
	E 05 F	11/52
	E 06 B	7/28
171	E 06 B	7/28
172–189	E 05 D	15/22
190, 191	E 06 B	11/00
192	E 05 D	15/52
193	E 05 D	15/50
194–196	E 05 D	15/22
197, 198	E 05 D	15/38
		15/56
199, 200	E 05 F	11/00
		15/00
201, 202	E 05 D	15/22
203–206	E 05 D	15/40
207	E 05 D	15/08
208	E 05 D	15/56
209	E 05 D	15/10
210	E 05 F	11/38
211	E 05 F	11/52
212–225	E 05 D	15/10
226	E 05 D	15/06
227	E 05 F	11/52
228–231	E 05 D	15/06
232, 233	E 05 D	15/14
234, 235	E 05 D	15/56
	E 06 B	3/50
236–245	E 05 D	7/06
	E 05 F	1/04
246–249	E 05 D	15/28
		15/40
250–252	E 05 D	15/30
		15/42
		15/44
253	E 05 D	15/28
		15/40
254	E 05 D	15/58
255, 256	E 05 F	7/02
257–259	E 05 D	15/58
260	E 05 D	15/58
261	E 05 D	15/56
262	E 05 F	13/02
263–272	E 05 F	13/00
273, 274	E 05 F	13/04
275–278	E 05 F	11/00
279	E 05 F	11/02
		11/54
280	E 05 F	15/00
281	E 05 F	11/02
		11/54
282–299	B 61 L	29/08
	E 05 F	11/02
	E 06 B	11/00
300	E 05 F	11/00
		11/54
301	E 05 F	11/04
		11/54
302	E 05 F	11/00
		11/54
303–315	E 06 B	7/20
316–321	E 06 B	7/28
322	E 05 D	13/00
	E 05 F	3/00
323	E 05 F	11/38
324–326	E 05 F	11/00
327–332	B 61 L	29/08
	E 05 F	11/02
	E 06 B	11/00
333	E 05 F	11/00
334	E 05 F	15/02
		15/10
335–337	E 05 F	11/00
338	E 05 F	11/24
339	E 05 F	11/24
340	E 05 F	11/24
		15/02
		15/10
341–343	E 05 F	11/24
344	E 05 F	11/08
345	E 05 F	11/28
346	E 05 F	11/24
347	E 05 F	11/04
348	E 05 F	11/38
349	E 05 F	15/08
		15/16
350, 351	E 05 F	11/44
		11/46
352	E 05 F	11/48
353	E 05 F	11/44
354, 355	E 05 F	11/36
356	E 05 F	9/00
357–361	E 05 F	11/00
362	E 05 F	11/34
		11/40
363	E 05 F	11/12
364	E 05 B	65/00
365	E 06 B	5/00
366, 367	E 05 C	7/04
	E 05 D	15/18
	E 06 B	3/32
368	E 06 B	7/16
369	E 06 B	7/16
370	E 06 B	3/42
371	E 06 B	3/34
372–378	B 60 J	1/16
	E 05 F	11/38
379	E 05 F	1/00
380	E 06 B	1/00
		3/32
381	E 05 D	15/00
	E 06 B	3/34
		11/00
382	E 05 D	7/02
383	E 05 D	11/00
	E 06 B	7/16
384	E 05 D	5/14
385	E 05 D	7/00
386	E 05 F	1/10
387	E 05 F	1/00
388	E 05 D	7/08
389	E 05 D	7/10
		7/12
390	E 05 D	15/00
	E 06 B	3/34
391	B 60 J	1/14
392, 393	E 06 B	1/00
		7/16
394	E 05 B	65/06
	E 05 C	17/00
		19/00
395	E 05 C	9/00
396	E 05 F	7/06
397–402	E 05 D	7/00
403	E 06 B	7/08
404	E 05 D	15/06
		15/16
	E 06 B	3/34
		11/00
405	E 05 D	15/14
406, 407	E 05 D	15/16
	E 06 B	7/00
408	E 06 B	7/14
409–412	E 05 D	13/00
		15/06
		15/16
413	E 05 D	3/32
		15/06
	E 06 B	3/32
414–419	E 05 D	13/00
		15/16
	E 06 B	7/16
420	E 05 D	13/00
		15/06
		15/16
421–423	E 05 D	13/00
		15/16
424	E 05 B	7/16
425–427	E 05 D	13/00
		15/06
		15/16
428	E 05 D	15/16
	E 06 B	7/16
429, 430	E 05 F	1/00
		3/00
431–444	E 05 D	15/16
	E 06 B	7/16
445–451	E 05 F	1/00
		3/00
449	E 05 D	13/04
452–459	E 05 D	13/00
		15/06
		15/16
460	E 05 B	1/00
	E 06 B	3/30
461	E 05 F	7/00
462	B 60 J	5/00
	E 05 F	7/00
463, 464	E 06 B	3/32
465	E 05 C	21/02
466	E 06 B	7/18
467–471	E 06 B	1/70
472–474	E 06 B	1/04
		7/16
475–500	E 06 B	7/16
501	E 06 B	3/00
502	B 60 J	5/04
503	E 06 B	3/00
504, 505	E 06 B	1/04
506, 507	E 06 B	3/00

U.S. Class 51

Abrading

(IPC B 24 B)

1	B 24 B	25/00
		27/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 51—Con.		
2–5	B 24 B	7/00
		9/00
6, 7	B 24 B	19/00
16–25	B 24 B	31/00
26	B 24 B	15/00
27–30	B 23 C	3/05
	B 24 B	15/02
31–41	B 24 B	7/00
		9/00
42	B 24 B	5/00
43–47	B 24 B	7/00
		9/00
48	B 24 B	3/00
		5/18
49	B 24 B	5/00
50	B 24 B	5/00
		29/00
		37/00
51	B 24 B	3/46
		29/00
52	B 23 F	19/05
	B 24 B	5/00
53	B 24 B	5/00
		29/00
54–66	B 24 B	7/00
		9/00
67	B 24 B	5/00
68–78	B 24 B	7/00
		9/00
79	B 24 B	5/18
80–87	B 24 B	7/00
		9/00
88, 89	B 24 B	5/00
90–95	B 24 B	3/00
		5/00
96	B 24 B	7/00
		9/00
97	B 24 B	5/00
98–99	B 24 B	7/00
		9/00
100	B 24 B	7/00
		9/00
		17/00
101, 102	B 24 B	7/00
		9/00
103	B 24 B	5/00
		5/18
		29/00
104	B 24 B	3/46
		5/00
105	B 23 C	3/05
	B 24 B	5/00
		17/00
106	B 24 B	5/00
		29/00
107	B 24 B	5/00
108	B 24 B	5/00
		5/18
		29/00
109–116	B 24 B	7/00
		9/00
117	B 24 B	5/00
118	B 24 B	5/00
		29/00
119–122	B 24 B	7/00
		9/00
123	B 24 B	3/00
		5/00
124–126	B 24 B	7/00
		9/00
127	B 24 B	7/00
		9/00
		17/00
128	B 24 B	7/00
		9/00
129	B 24 B	5/00
130	B 24 B	5/24
		11/00
131.1–131.5	B 24 B	5/00
		29/00
132–134.5	B 24 B	5/00
135–143	B 24 B	21/00
144	B 24 B	5/00
		21/00
145	B 24 B	5/00
		21/02
		29/00
146–153	B 24 B	21/00
		23/06
		25/00
154, 155	B 24 B	5/00
156, 157	B 24 B	25/00
158, 159	B 24 B	3/48
160	B 24 B	13/00
161	B 24 B	5/00
162	B 24 B	5/00
		13/00
163.1, 163.2	B 24 B	31/00
164.1	B 24 B	31/02
164.2	B 24 B	31/02
164.5	B 24 B	31/02
165	B 24 B	49/00
		51/00
166–169	B 24 B	41/00
170–180	B 24 B	23/00
		27/08
181	B 24 B	25/00
204–214	B 23 F	21/03
		21/23
	B 24 B	33/00
	B 24 D	5/00
		7/00
		7/16
215	B 24 B	47/02
216, 217	B 24 B	41/06
218–229	B 24 B	19/00
230–234	B 24 B	47/02
235	B 24 B	47/00
236, 237	B 25 B	5/00
238–240	B 24 B	7/07
		41/06
241–261	B 24 B	19/00
262	B 24 B	21/18
		33/00
		47/26
		55/00
		530/013
262.1	B 41 J	11/62
263, 264	B 24 B	57/00
265	B 24 B	55/04
266, 267	B 24 B	55/02
268–272	B 24 B	55/04
273	B 24 B	55/06
274	B 24 B	55/04
275–277	B 24 B	19/00
281–292	B 24 B	1/00
		7/19
		7/30
293	B 24 D	3/00
		11/00
		17/00
		18/00
	C 09 K	3/14
294	B 24 D	11/02
		17/00
295	B 24 B	1/00
	B 24 D	11/00
296	B 24 B	1/00
	B 24 D	3/00
297	B 24 D	11/00
298–303	C 09 K	3/14
304	C 09 K	3/14
	C 11 C	
305, 306	B 24 B	1/00
	C 09 K	3/14
307–309	B 24 D	3/02
	C 09 C	1/68
	C 09 K	3/14
310–316	B 24 B	1/00
317–321	B 24 B	1/00
	B 24 C	1/00
322–328	B 24 B	1/00
330	B 23 F	19/05
	B 24 D	9/00
331–354	B 24 B	9/02
355	B 24 B	3/00
356	B 24 B	55/02
357	B 24 D	9/08
358–361	B 24 D	17/00
362	B 24 D	9/10
363	B 24 D	17/00
364–369	B 24 B	45/00
370, 371	B 24 B	9/10
372–375	B 24 D	9/02
376–390	B 24 D	17/00
391–393	B 24 D	15/00
394–407	B 24 D	11/00
410	B 24 C	3/00
411	B 24 C	3/32
412	B 24 C	3/34
413, 414	B 24 C	3/32
415, 416	B 24 C	3/00
417–420	B 24 C	3/08
		3/18
421	B 24 C	3/20
422	B 24 C	3/26
423	B 24 C	3/30
424–426	B 24 C	9/00
427	B 24 C	3/00
		5/04
428	B 24 C	5/00
429	B 24 C	3/06
430	B 24 C	5/08
431	B 24 C	5/06
432–433	B 24 C	5/06
		7/00
434–435	B 24 C	5/06
436–437	B 24 C	7/00
		9/00
438	B 24 C	7/00
439	B 24 C	5/04

U.S. Class 52

Static structures, e.g., buildings

(IPC E 04 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 04 H	9/00
		14/00
2	E 04 B	1/34
	E 04 G	11/04
3	B 62 D	63/04
	E 04 B	1/34
4	E 04 D	1/34
5	E 04 D	5/00
6	E 04 H	3/10
7	E 04 H	3/26
8–10	E 04 H	3/12
11–15	E 04 D	13/00
16	E 04 D	13/08
17	B 61 D	17/18
18	E 04 B	7/12
19	E 02 D	29/14
	E 04 B	7/18
	E 04 D	13/00
	E 04 F	19/08
20, 21	E 02 D	29/14
22, 23	E 04 B	7/00
24–26	E 04 D	13/00
27, 28	E 04 F	19/00
	E 04 H	14/00
29–32	B 66 B	9/00
	E 04 H	6/06
33	E 04 H	3/04
34, 35	A 47 K	3/16
36	A 47 B	5/00
	A 47 C	19/00
	A 47 G	29/02
	A 47 H	27/00
37	A 47 L	3/00
	E 04 G	3/08
38, 39	G 09 F	7/18
40	E 04 H	12/00
41–44	B 61 D	17/14
	E 04 D	13/12
45–56	B 61 D	17/12
		39/00
57	E 04 B	7/00
	E 04 D	1/30
		3/40
		13/00
58–62	E 04 D	1/36
		3/38
		13/14
63	E 04 B	1/12
	E 04 H	15/00
		15/00
		15/18
64–72	E 04 B	1/346
		7/16
73–78	E 04 B	1/34
		7/16
79.1–79.14	E 04 H	1/00
		3/00
		5/00
		6/00
		9/00
		14/00
80, 81	E 04 B	1/32
		7/08
82	E 04 B	7/00
83	E 04 B	7/14
84	B 61 D	17/02
	E 04 H	9/14
85	E 04 G	15/02
	E 06 B	1/24
86–89	E 04 B	1/32
90–93	E 04 B	7/02
94–96	E 04 B	7/00
	E 04 D	3/40
		13/00
97	E 04 D	13/00
		15/00
98–100	E 04 B	1/00
	E 04 C	1/00
101	A 01 K	3/00
	E 04 B	1/72
	E 04 H	9/16
102	E 02 D	27/00
103, 104	E 01 F	9/02
	E 04 H	13/00
105	E 04 B	1/00
106	E 04 H	3/08
107	E 04 F	17/06
	E 06 B	5/02
108	E 04 H	12/18
109	E 04 H	12/18
110	E 04 H	12/00
	H 01 Q	1/08
111–121	B 66 C	23/06
		23/62
	E 04 H	12/34
122.1	E 02 D	35/00
	E 04 B	1/00
	E 04 G	21/00
123.1	B 66 C	23/34
	E 04 H	12/34
124.1, 124.2	E 04 H	13/00
125.1, 125.6	E 02 D	35/00
	E 04 G	21/14
	E 04 H	12/34
126.1	E 04 B	2/82
		5/58
	E 04 G	1/22
126.2	E 04 B	5/48
126.300, 126.4	E 04 B	2/82
126.500, 126.6	E 04 B	5/58
126.7	E 04 G	1/22
127.1	E 02 D	35/00
	E 04 B	1/00
	E 04 G	21/14
127.2	E 04 G	21/04
		21/26
127.3, 127.4	E 04 B	1/00
127.5	E 04 B	1/56
127.6, 127.7	E 04 B	1/60
127.8–127.12	E 04 B	2/82
128–142	E 04 H	13/00
143	E 04 B	1/34
	E 04 H	1/12
144, 145	E 04 B	1/82
146–152	E 04 H	12/20
153, 154	E 04 H	12/20
		17/22
155–165	E 02 D	5/74
166	E 02 D	5/74
167	E 02 D	27/34
	E 04 B	1/98
	E 04 H	9/02
168	E 04 B	1/92
169.1–169.4	E 02 D	
169.12	B 60 R	27/00
169.13	E 02 D	27/42
169.14	E 02 D	19/00
169.5	E 02 D	19/00
169.6–169.11	E 02 D	27/00
170	E 02 D	27/42
171, 172	E 06 B	7/12
173	E 04 H	14/00
174–176	E 01 F	9/00
	E 04 H	6/42
177, 179–181	B 44 D	5/08
	E 04 F	11/16
182–191	E 04 F	11/00
		19/10
192–197	E 04 H	7/00
198, 199	E 04 B	7/00
	E 04 H	12/28
200	E 04 B	7/18
201	E 06 B	1/38
202	E 06 B	3/26
203	E 06 B	3/28
204–207	E 06 B	1/04
208	E 06 B	3/00
209	E 06 B	7/14
210–217	E 06 B	1/04
218	E 04 H	12/28
219	E 04 D	13/14
	E 04 G	15/06
	E 04 H	12/28
220, 221	E 04 B	5/48
	E 04 F	17/00
222	E 04 B	1/00
223–230	E 04 C	3/10
		3/26
		5/08
231	E 04 C	3/20
232	E 04 C	2/00
233	E 04 B	1/10
234–243	E 04 H	1/00
		3/00
		5/00
		6/00
		14/00
243.1	E 04 H	1/00
		3/00
		5/00
		6/00
		14/00
244	E 04 H	12/28
245–249	E 04 B	1/32
	E 04 G	11/04
250–260	E 04 B	1/00
261–271	E 04 B	1/00
		5/00
		7/00
272–289	E 04 B	1/00
		5/00
		7/00
290	E 04 B	5/00
	E 04 F	19/04
291	E 04 G	23/00
292–297	E 02 D	27/00
		27/32
298, 299	E 02 D	27/42
300, 301	E 04 H	12/00
302, 303	E 04 B	1/70
	E 04 F	17/00
304	E 06 B	3/24
		3/64
305	E 04 B	1/70
	E 04 F	17/00
306–308	E 04 B	5/46
	E 04 C	1/42
309.1–309.17	E 04 C	1/00
310	E 04 B	1/16
	E 04 G	21/00
311–316	B 44 F	7/00
		9/00
	E 04 C	1/00
317	E 04 B	1/94
318	E 04 F	15/14
319	E 04 B	1/20
		5/16
		5/18
320–325	E 04 B	5/30
	E 04 C	1/24

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 52—Con.		
326–341	E 04 B	1/16
		1/20
		5/18
342, 343	E 04 F	13/04
344–363	E 04 B	5/52
	E 04 F	13/04
364–366	E 04 C	3/16
	E 04 F	13/06
367–375	E 04 B	2/00
376, 377	E 04 B	5/00
378–383	E 04 B	1/16
384–392	E 04 F	13/08
393–403	E 04 B	1/62
	E 04 F	15/14
		15/22
404	E 04 B	1/74
405	E 04 B	2/00
406, 407	E 04 B	2/00
408–413	E 04 B	5/00
414	E 04 B	1/18
415–421	E 04 B	2/00
422	E 04 C	1/10
423–442	E 04 B	2/00
443–454	E 04 B	5/52
	E 04 F	13/04
455–458	E 06 B	3/70
459–472	E 04 C	1/34
	E 04 D	1/36
473	E 06 B	7/08
474–491	E 04 B	5/52
	E 06 B	3/54
503–505	E 04 B	5/48
	E 04 C	1/08
		1/39
506–513	E 04 B	1/38
	E 04 C	1/40
514	E 02 D	37/00
	E 04 G	23/00
515–517	B 27 K	1/00
		3/00
		5/00
	E 04 B	1/62
518–542	E 04 D	1/00
543–552	E 04 D	1/34
553–560	E 04 D	1/00
561–572	E 04 B	1/02
	E 04 C	1/04
573	E 04 B	1/68
		1/98
574, 575	E 04 C	1/04
576, 577	E 04 C	1/06
		1/16
578–595	E 04 C	1/10
		1/30
596–612	E 04 B	5/04
	E 04 C	2/04
630	E 04 C	2/32
		2/38
631	E 04 C	2/00
632	E 04 G	25/00
	E 04 H	12/18
633–636	E 04 B	1/18
		5/10
		5/18
	E 04 C	3/02
637, 638	E 04 H	12/00
639–644	E 04 B	1/32
		7/08
	E 04 C	3/38
645, 646	E 04 H	12/18
647	E 04 B	5/10
	E 04 C	3/02
648–655	E 04 H	12/00
656–658	E 04 C	2/38
659	E 04 C	5/00
660–676	E 04 C	2/42
		5/04
	E 04 F	15/06
		19/10
677–689	E 04 C	5/16
690–697	E 04 C	3/02
		3/30
	E 04 H	12/00
698–715	E 04 B	1/38
716–718	E 04 C	2/38
	E 04 F	19/02
719	E 04 C	5/16
720, 721	E 04 C	3/30
722–725	E 04 C	3/34
726–740	E 04 C	3/30
741–748	E 04 B	1/00
	E 04 G	21/00
		23/00
749	E 04 D	15/00
	E 04 F	21/00
	E 04 G	21/14
750	E 04 B	1/00
761–763	E 04 B	2/00
764–776	E 04 B	1/60
775	E 04 C	2/34
776	A 45 D	42/00
777–781	E 04 B	2/00
777	E 04 C	2/34
778–790	E 04 C	2/54
782	E 04 C	2/00
783, 784	A 47 B	13/08
786	A 47 G	1/00
791	E 04 C	2/34
792	E 04 C	2/32
793, 794	E 04 C	2/34
795–801	E 04 C	2/32
802–806	E 04 C	2/34
807	E 04 C	2/36
808–810	E 04 C	2/34
811	E 04 C	2/00
812	A 45 D	42/00
	A 47 G	1/00
813	E 04 C	2/38
814	E 04 C	2/32
815–830	E 04 C	2/38

U.S. Class 53

Package making

(IPC B 65 B)

U.S. Subclass	IPC Subclass	IPC Notation
48,49	B 65 B	21/00
	B 65 B	21/08
	B 65 B	27/04
50	B 65 B	61/20
51	B 65 B	57/00
52	B 65 B	19/28
	B 65 B	57/00
53–58	B 65 B	57/00
64–72	B 65 B	57/02
73, 74	B 65 B	57/12
75, 76	B 65 B	57/00
	B 65 B	3/26
77	B 65 B	57/00
113, 114	B 65 B	
115	B 65 B	55/00
		55/20
		61/22
		63/00
116–120	B 65 B	63/04
121,122	B 65 B	55/00
		63/00
127	B 65 B	63/08
128–130	B 65 B	61/00
131	B 65 B	61/00
132	B 65 B	61/00
133	B 65 B	61/18
134–136	B 65 B	61/14
137–139.3	B 65 B	61/00
140	B 65 B	
141	B 65 B	47/02
142–146	B 65 B	35/5653/00
147	B 65 B	5/0661/00
		21/06
		35/30
148	B 65 B	19/04
		19/34
		35/30
149–151	B 65 B	19/04
		35/30
152, 153	B 65 B	35/30
154●157	B 65 B	35/54
158	B 65 B	35/30
167	B 65 B	17/00
		55/00
		61/00
		65/08
168	B 65 B	
169	B 65 B	19/18
		43/40
170●176	B 65 B	41/13
201, 202	B 65 B	
203	B 65 B	11/00
		19/22
		21/24
		25/18
		49/00
204	B 65 B	11/00
	B 65 H	49/00
		81/00
205	B 65 B	11/00
		49/00
206	B 65 B	11/48
		49/00
207–210	B 65 B	11/00
		49/00
211–217	B 65 B	11/04
		21/26
		49/00
218, 219	B 65 B	11/02
		45/00
		49/00
220–224	B 65 G	11/06
		49/00
225	B 65 B	11/28
		49/00
226	B 65 B	11/06
		49/00
227	B 65 B	11/14
		11/24
		11/34
		11/44
		49/00
228–233	B 65 B	11/06
		49/00
234	B 65 B	11/28
		49/00
235	B 65 B	1/04
		3/04
		5/00
		39/00
236	B 65 B	1/04
		3/04
		5/00
		19/00
		39/00
237–243	B 65 B	1/04
		3/04
		5/00
		39/00
244, 245	B 65 B	1/04
		3/04
		5/10
		39/00
246	B 65 B	1/04
		3/04
		5/04
		39/00
247–263	B 65 B	1/04
		3/04
		5/00
		39/00
264, 265	B 65 B	7/28
266–284	B 65 B	1/00
		3/00
		5/00
285, 286	B 65 B	7/00
287–289	B 65 B	7/28
	B 67 B	
290–295	B 65 B	7/28
	B 67 B	1/02
296–298	B 65 B	7/28
	B 67 B	3/02
		3/04
299–305	B 65 B	7/28
	B 67 B	
306–312	B 65 B	7/28
	B 67 B	3/06
313–316	B 65 B	7/28
317, 318	B 65 B	7/28
	B 67 B	1/06
		3/20
319–328	B 67 B	1/04
		5/02
		7/28
329–331	B 65 B	7/28
	B 67 B	
331.5	B 65 B	7/28
	B 67 B	1/06
332, 333	B 65 B	7/28
	B 67 B	
334–336	B 65 B	7/28
	B 67 B	3/10
337	B 65 B	7/28
	B 67 B	2/10
338–365	B 65 B	7/28
	B 67 B	3/10
366–369	B 65 B	7/28
	B 67 B	
370	B 65 B	7/12
		51/00
371, 372	B 65 B	7/06
373	B 65 B	7/06
		51/10
		51/32
374	B 65 B	7/20
375	B 65 B	7/20
		51/10
		51/32
376, 377	B 65 B	7/26
378	B 65 B	7/04
		7/18
379	B 65 B	7/04
		7/18
		51/10
		51/32
380	B 65 B	7/04
		7/18
381	B 65 B	43/26
	B 67 B	7/16
382	B 65 B	43/38
383, 384	B 65 B	13/32
		43/26
		51/02
385, 386	B 65 B	43/36
387, 388	B 65 B	51/00
389	B 65 B	41/00
390–392	B 65 B	67/00
393	B 65 B	65/00
394, 395	C 06 F	5/00
396	B 65 B	
397	B 65 B	11/00
		13/00
		15/00
		27/00
398	B 65 B	21/00
399	B 65 B	13/02
400–402	B 65 B	29/00
403	B 65 B	31/00
	B 67 B	3/24
404–408	B 65 B	31/00
409	B 65 B	11/00
		25/24
	B 65 H	81/00
410	B 65 B	61/00
411	B 65 B	61/02
412	B 65 B	61/18
413	B 65 B	29/04
		61/14
414	B 65 B	51/08
415	B 65 B	61/00
416	B 65 B	51/08
418	B 65 B	51/07
419	B 65 B	51/06
420–424	B 65 B	61/00
425	B 65 B	55/02
426	B 65 B	55/04
427	B 65 B	11/52
428	A 21 D	
	A 22 C	
	A 23	
	B 65 B	1/20
		13/20
		31/00
		55/00
		63/00
429–430	B 65 B	63/04
431	B 65 B	55/18
		55/22
432	B 65 B	31/02
		31/04
433, 434	B 65 B	31/00
435	A 21 C	15/04
	B 65 B	63/00
436	B 65 B	1/24
		13/20
		63/02
437	B 65 B	1/22
438, 439	B 65 B	1/24
		13/20
		63/02
440	B 65 B	55/14
		63/08
441	B 65 B	53/00
442	B 65 B	53/02
443	B 65 B	21/06
		35/30
444	B 65 B	19/04
		19/34
445	B 65 B	35/30
		61/20
446	B 65 B	35/56
447	B 65 B	35/50
448	B 65 B	35/30
449	B 65 B	11/58
450, 451	B 65 B	9/00
452	B 65 B	3/02
		5/02
		43/00
453, 454	B 65 B	47/00
455	B 65 B	43/04
456	B 65 B	43/08
457	B 65 B	43/12
458	B 65 B	3/02
		5/02
459	B 65 B	9/00
		43/26
460	B 65 B	11/48
461–462	B 65 B	11/00
		49/00
463	B 65 B	51/10
464	B 65 B	11/00
		47/00
		49/00
465, 466	B 65 B	11/00
465	B 65 B	49/00
467	B 65 B	1/04
		3/04
		5/00
		7/00
468	B 65 B	7/00
		43/26
	B 67 B	7/00
469	B 65 B	1/04
		3/04
		5/00
		7/00
470	B 65 B	7/00
		31/00
471	B 65 B	7/28
	B 67 B	1/00
		3/00
		5/00
472	B 65 B	23/00
473	B 65 B	1/04
		3/04
		5/00
		7/00
474	B 65 B	3/04
		59/00
		61/20
475	B 65 B	3/24
		5/10
476	B 65 B	7/00
	B 67 B	1/00
		3/00
		5/00
477, 478	B 65 B	51/10
479	B 65 B	7/02
		7/14
		51/10

U.S. Class 53—Con.

U.S. Subclass	IPC Subclass	IPC Notation
480	B 65 B	7/04
481	B 65 B	7/06
482	B 65 B	7/08
		7/10
483	B 65 B	7/12
484	B 21 D	51/26
	B 65 B	7/16
	B 67 B	1/00
		3/00
		5/00
485	B 65 B	7/28
	B 67 B	1/00
		3/00
		5/00
486	B 65 B	7/28
	B 67 B	1/00
		3/00
487	B 65 B	7/28
	B 67 B	3/04
488	B 65 B	7/28
	B 67 B	3/18
489	B 65 B	7/28
	B 67 B	1/04
490	B 65 B	7/28
	B 67 B	1/06
		3/20
491	B 65 B	7/20
492	B 65 B	43/26
		43/38
		43/40
	B 67 B	7/00
493	B 65 B	1/30
		3/26
		57/00
494	B 65 B	1/30
		3/26
		19/32
		57/10
495–497	B 65 B	1/30
		3/26
		57/10
498–500	B 65 B	1/30
		3/26
		57/10
		57/20
501	B 65 B	1/30
		3/26
		57/20
502	B 65 B	1/32
		3/28
503	B 65 B	1/36
		3/30
504	B 65 B	1/30
		3/26
505, 506	B 65 B	1/30
		3/26
		57/02
507	B 65 B	57/00
		65/08
	B 67 B	3/26
	G 08 B	
508	B 65 B	57/18
	B 67 B	3/26
	G 08 B	
509	B 65 B	11/52
510	B 65 B	31/00
		55/00
511, 512	B 65 B	31/00
513–515	B 65 B	63/00
516	A 21 C	15/04
	B 65 B	63/00
517	A 22 C	
	B 65 B	63/00
518, 519	A 23 C	
	B 65 B	63/00
520–522	B 65 B	63/00
523	B 65 B	1/20
		63/02
524	B 65 B	1/24
		63/02
525	B 65 B	1/22
526	B 65 B	1/24
		61/24
		63/02
527, 528	B 65 B	1/24
		63/02
529, 530	B 65 B	1/24
		13/20
		63/02
531–538	B 65 B	35/30
		35/50
539	B 65 B	35/30
540, 541	B 65 B	35/30
		35/50
542, 543	B 65 B	35/30
544	B 65 B	35/30
		35/56
545–547	B 65 B	9/00
		51/26
548, 549	B 65 B	9/12
		51/30
550, 551	B 65 B	9/06
552	B 65 B	9/06
		9/12
553–555	B 65 B	9/02
556	B 65 B	53/00
557	B 65 B	53/02
558	B 65 B	1/02
		1/04
		3/02
		3/04
		5/00
		43/00
559–561	B 65 B	47/00
562	B 65 B	43/02
		43/04
563	B 65 B	1/02
		3/02
		5/02
		43/08
564, 565	B 65 B	43/26
566	B 65 B	43/24
567	B 65 B	9/10
568	B 65 B	9/06
569, 570	B 65 B	43/26
571–573	B 65 B	43/14
		43/44
574	B 65 B	43/42
		43/54
575	B 65 B	9/10
		43/42
576, 577	B 65 B	43/42
578, 579	B 65 B	47/00
580	B 65 B	11/00
		13/00
		27/00
581	B 65 B	15/00
582	B 65 B	11/00
583	B 65 B	51/08
584	B 65 B	19/26
585	B 65 B	11/00
586	B 65 B	11/00
		13/00
		27/00
587	B 65 B	11/56
		13/00
		27/00
588	B 65 B	11/00
		13/00
		27/00
589	B 65 B	13/04
590	B 65 B	11/00
		13/14
		27/00
591	B 65 B	11/00
		13/00
		27/00
592	B 65 B	67/08
593	B 65 B	25/14
		27/08
594	B 65 B	11/00

U.S. Class 54

Harness

(IPC B 68 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 68 B	1/00
2	B 68 B	1/00
3	B 68 B	3/02
4	B 68 B	1/00
5	B 68 B	3/18
6	B 68 B	1/04
7–9	B 68 B	1/06
10, 11	B 68 B	1/10
		1/12
12–14	B 68 B	1/04
15	B 68 B	1/08
16, 17	B 68 B	1/00
		1/04
18, 19	B 68 B	3/04
20	B 68 B	3/14
21	B 68 B	3/12
22	B 68 B	5/04
23	B 68 C	1/00
24	B 68 B	1/02
25–29	B 68 B	3/04
30, 31	B 68 B	5/02
32, 33	B 68 B	5/02
34	B 68 B	1/00
		5/00
35	B 68 B	1/00
		5/00
36	B 68 B	1/00
		1/04
37–40	B 68 C	1/00
41	B 68 C	1/00
42, 43	B 68 C	1/00
44	B 68 C	1/00
45	B 68 C	1/06
46	B 68 C	1/20
47, 48, 49, 49.5	B 68 C	3/00
50, 51	B 68 B	1/00
52, 53	B 68 B	3/20
54–56	B 68 B	3/22
57	B 68 B	1/00
58, 59	B 68 B	1/00
61, 62	B 68 B	1/00
63, 64	B 68 B	1/00
65	B 68 B	3/08
		3/10
		3/16
66	B 68 B	1/12
		3/08
		3/10
		3/16
67	B 68 B	3/08
		3/10
		3/16
68	B 68 B	3/08
		3/10
		3/16
		5/00
69	B 68 B	5/08
70	B 68 B	1/00
		5/00
71, 72	B 68 B	1/00
74, 73	B 68 B	1/00
		5/00
75, 76	B 68 B	1/00
		5/06
77	B 68 B	
78	B 68 B	1/00
		5/04
79–82	B 68 C	5/00
83	A 43 C	17/00
84	B 68 B	9/00
85	B 68 B	1/02
		5/00
87	B 68 B	5/00

U.S. Class 55

Gas separation

(IPC B 01 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 01 D	
2	B 03 C	
3	B 03 C	1/00
4	B 03 C	1/00
		3/36
		3/72
		9/00
5	B 03 C	
6–9	B 01 D	53/00
	B 03 C	
10	B 03 C	1/00
		3/01
		5/00
		9/00
11	B 03 C	1/00
		3/00
		9/00
12, 13	B 03 C	3/74
14	B 03 C	3/10
15	B 01 D	51/08
16	B 01 D	59/10
17	B 01 D	57/00
18–21	B 01 D	
22	B 01 D	47/00
23, 24	B 01 D	51/00
25–28	B 01 D	51/00
		53/00
29–33	B 01 D	53/02
		53/14
34	B 01 D	53/06
35	B 01 D	53/02
		53/14
36–56	B 01 D	19/00
		47/00
57–58	B 01 D	51/06
59	B 01 D	53/00
60, 61	B 01 D	53/08
		53/14
62	B 01 D	53/00
63	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
	C 10 H	
64–65	B 01 D	19/00
66	B 01 D	53/00
	C 01 B	23/00
67	B 01 D	15/08
68	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
69	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
	C 01 C	
70	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		57/00
		59/00
	C 01 C	
70	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
	C 01 C	1/00
71–73	B 01 D	19/00
		39/00
		41/00
		43/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
74–76	B 01 D	53/02
77–79	B 01 D	53/06
80	B 01 D	47/00
		49/00
		50/00
		51/00
		53/22
		53/28
		57/00
		59/10
81	B 01 D	53/26
		59/16
82	B 01 D	59/08
83	B 01 D	47/00
		50/00
		57/00
84–87	B 01 D	47/00
		47/05
88	B 01 D	47/00
	C 10 G	5/00
89–93	B 01 D	47/00
94	B 01 D	47/06
95	B 01 D	47/02
96	B 01 D	46/04
97	B 01 D	46/00
		47/00
		49/00
		50/00
		51/00
		53/00
98	B 01 D	43/30
99	B 01 D	46/32
100	B 03 C	1/00
101	B 03 C	1/00
		9/00
102	B 03 C	3/38
103	B 03 C	3/30
104–106	B 03 C	3/66
		3/72
107	B 03 C	3/00
		5/00
		9/00
108–111	B 03 C	3/16
		3/74
		3/88
112	B 03 C	3/76
113–116	B 03 C	3/10
		3/12
		3/16
		3/74
117–120	B 03 C	3/74
121	B 03 C	3/74
122	B 03 C	3/16
		3/36
		9/00
123	B 03 C	3/00
		3/38
		9/00
124–126	B 03 C	3/01
		3/14
127	B 03 C	3/14
128–133	B 03 C	3/00
		3/36
134–135	B 03 C	3/01
136–138	B 03 C	3/00
		9/00
139	B 03 C	3/02
140–149	B 03 C	3/04
		3/40
150–153	B 03 C	3/40

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 55—Con.		
154–157	B 03 C	3/02
		3/45
158	B 01 D	13/00
		53/22
		59/10
159	B 01 D	19/00
		53/00
160	B 01 D	19/00
		53/30
161–163	B 01 D	47/00
		53/00
164–170	B 01 D	19/00
		53/00
171–177	B 01 D	19/00
		47/00
		53/00
178	B 01 D	19/02
179–181	B 01 D	53/00
182	B 01 D	19/02
183–188	B 01 D	19/00
189–195	B 01 D	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
196	B 01 D	19/00
197	B 01 D	15/08
		19/00
198	B 01 D	19/00
		47/02
		47/04
199–207	B 01 D	47/00
		53/22
		53/24
		53/26
		53/28
		57/00
208	B 01 D	19/00
		53/26
		53/28
209	B 01 D	53/22
		59/16
210–219	B 01 D	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
220–234	B 01 D	47/00
235–239	B 01 D	47/10
240–241	B 01 D	19/00
		47/00
		49/00
		53/22
		57/00
242–243	B 01 D	45/18
		46/04
		47/00
244–256	B 01 D	19/00
		47/02
257–259	B 01 D	47/00
		50/00
260	B 01 D	47/00
261–266	B 01 D	50/00
		51/00
267–269	B 01 D	51/00
		53/26
		53/28
270	B 01 D	53/30
271–276	B 01 D	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
277	B 01 D	51/08
278	B 01 D	46/60
279–288	B 01 D	19/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
289	B 01 D	50/00
290	B 01 D	46/38
291–292	B 01 D	41/00
		45/18
		46/04
		56/08
293	B 01 D	41/00
		45/18
		46/04
294	B 01 D	41/00
		45/18
		46/04
295–300	B 01 D	41/00
		45/18
		46/04
301–305	B 01 D	41/00
		45/18
		46/04
306	B 01 D	39/00
		46/00
		46/48
	B 64 C	1/14
307–308	B 01 D	39/00
		46/00
309–314	B 01 D	46/42
		46/44
		46/46
315–337	B 01 D	50/00
		59/50
338–340	B 01 D	9/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
341	B 01 D	46/02
		50/00
342–344	B 01 D	45/00
345–349	B 01 D	45/12
350	B 01 D	50/00
		53/00
351–354	B 01 D	46/18
		46/20
		46/22
		53/06
355–360	B 01 D	9/00
		39/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
361–382	B 01 D	46/02
		46/06
		46/08
383	B 01 D	19/00
		45/00
		46/42
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
384	B 01 D	53/02
		53/14
385	B 01 D	50/00
		59/50
386	B 01 D	53/00
		57/00
		59/00
387–390	B 01 D	39/00
		46/30
		53/06
		53/14
		59/22
		59/28
		59/33
391	B 01 D	39/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
392–399	B 01 D	19/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
400–409	B 01 D	45/00
		46/18
		46/30
		47/00
		50/00
410–417	B 01 D	45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
418–420	B 01 D	51/00
421	B 01 D	47/00
422	B 01 D	41/00
		45/18
		46/42
		47/00
423	B 01 D	45/00
		46/00
		47/00
		49/00
		50/00
424–427	B 01 D	41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
428–433	B 01 D	41/00
		45/18
		46/04
		46/08
		47/00
434–446	B 01 D	45/00
447–458	B 01 D	45/12
	B 04 C	
459, 460	B 01 D	45/12
	B 04 C	5/04
461	B 01 D	45/12
	B 04 C	
462–465	B 01 D	45/08
466	B 01 D	19/00
		41/00
		45/00
		46/00
		47/00
		49/00
		50/00
		53/00
		57/00
		59/00
474	B 01 D	46/32
		53/06
		53/14
		59/20
		59/22
		59/28
475	B 01 D	45/00
		46/00
		47/00
		49/00
		50/00
		51/00
		53/00
		57/00
		59/00
476	B 01 D	45/00
		46/00
		47/00
		49/00
		53/00
		57/00
		59/00
477	B 01 D	46/28
478–481	B 01 D	45/00
		46/00
		47/00
		49/00
		50/00
482–489	B 01 D	50/00
		59/50
490–494	B 01 D	39/00
		46/00
		47/00
		49/00
495–511	B 01 D	39/08
		39/10
		39/14
		46/10
		46/18
		46/40
		46/52
		46/54
512–519	B 01 D	39/02
		46/30
520	B 01 D	46/10
		46/24
521	B 01 D	39/08
		39/10
		39/14
		46/10
		46/40
		46/52
		46/54
522	B 01 D	39/00
523	B 01 D	39/06
		39/20
524	B 01 D	39/14
525–526	B 01 D	39/08
		39/10
527	B 01 D	39/02
		39/14
528	B 01 D	39/04
		39/16
529	B 01 D	46/00

U.S. Class 56

Harvesters

(IPC A 01 D)

U.S. Subclass	IPC Subclass	IPC Notation
1–5	A 01 D	
6, 7	A 01 D	75/30
8, 9	A 01 D	45/08
10.1	A 01 D	34/03
		34/43
		34/64
10.2	A 01 D	75/28
10.3, 10.4	A 01 D	75/18
10.5	A 01 D	75/28
10.6, 10.7	A 01 D	34/03
		34/43
		34/64
10.8, 10.9	A 01 D	69/00
11.1, 11.2	A 01 D	69/06
11.3	A 01 D	69/10
11.4	A 01 D	69/00
11.5–11.8	A 01 D	69/08
11.9	A 01 D	69/00
12.1	A 01 D	75/10
12.2	A 01 D	69/00
12.3	A 01 D	69/12
12.4, 12.5	A 01 D	46/08
12.6	A 01 D	34/30
		34/56
		34/76
12.8	A 01 D	46/00
		87/10
12.9–13.2	A 01 D	46/00
13.3, 13.4	A 01 D	87/10
13.5–13.9	A 01 D	34/03
		34/44
		34/66
14.1, 14.2	A 01 D	45/02
14.3–14.6	A 01 D	14/02
14.7–14.9	A 01 D	34/03
		34/43
		34/64
15.1–15.3	A 01 D	34/24
		34/42
		34/63
15.4	A 01 D	75/26
15.5	A 01 D	34/03
		34/36
		34/43
		34/57
		34/64
		34/77
15.6–15.9	A 01 D	34/03
		34/43
		34/64
16.1	A 01 D	57/14
16.2, 16.3	A 01 D	34/00
16.4–16.6	A 01 D	61/00
16.7	A 01 D	34/03
		34/43
		34/64
16.8	A 01 D	19/00
16.9–17.6	A 01 D	34/03
		34/43
		34/64
27.5	A 01 D	45/16
28	A 01 D	45/08
29	A 01 D	45/08
		50/00
30–32	A 01 D	45/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 56—Con.		
33–35	A D1 D	46/12
36–40	A D1 D	46/14
41–47	A D1 D	46/16
48–50	A D1 D	46/14
51–61	A D1 D	45/02
62	A D1 D	45/02
		45/10
63–121	A D1 D	45/02
121.4–121.46	A D1 D	23/02
122–125	A D1 D	41/00
126–130	A D1 D	41/08
		45/22
		45/24
		45/30
131, 132	A D1 D	37/00
133	A D1 D	37/06
134–139	A D1 D	37/00
140	A D1 D	37/04
141, 142	A D1 D	37/00
143–151	A D1 D	37/02
152	A D1 D	37/00
		39/00
153–162	A D1 D	43/00
163–180	A D1 D	43/02
181–191	A D1 D	43/00
192	A D1 D	43/00
		57/26
		57/28
		57/30
193	A D1 D	43/02
194–200	A D1 D	34/12
		34/13
		34/48
		34/52
		34/70
		34/73
		43/00
201	A D1 D	34/08
		34/46
		34/67
202–206	A D1 D	34/12
		34/48
		34/70
		35/035
(IPC A 01 D)		
		43/00
207	A D1 D	43/00
208	A D1 D	67/00
209	A D1 D	67/00
		75/28
210–217	A D1 D	67/00
218	A D1 D	73/00
219, 220	A D1 D	57/00
221–225	A D1 D	57/04
226, 227	A D1 D	57/02
228	A D1 B	73/00
229, 230	A D1 D	55/00
231	A D1 D	34/53
232	A D1 D	34/02
233, 234	A D1 D	55/00
235	A D1 D	34/52
		34/73
236	A D1 D	34/13
237, 238	A D1 D	55/00
239–243	A D1 D	34/08
		34/13
		34/46
		34/52
		34/67
		34/73
244, 245	A D1 D	34/83
246–248	A D1 D	34/00
249	A D1 D	34/53
249.5	A D1 D	55/00
250	A D1 D	75/08
251, 252	A D1 D	55/00
253, 254	A D1 D	34/42
253	A D1 D	55/00
255, 256	A 01 D	34/52
		34/73
257–263	A D1 D	34/02
		34/30
264	A D1 D	34/02
		34/13
265	A D1 D	34/36
		34/57
		34/77
266–272	A D1 D	34/13
273	A D1 D	34/24
274	A D1 D	34/30
275	A D1 D	34/13
276–287	A D1 D	34/13
		34/24
288	A D1 D	34/28
289	A D1 D	34/13
		34/40
		55/00
290–292	A D1 D	34/83
293	A D1 D	34/13
		34/40
		55/00
294	A D1 D	34/52
		34/53
295	A D1 D	34/52
		34/73
296, 297	A D1 D	34/13
298	A D1 D	34/13
		34/18
299–306	A D1 D	34/13
		34/40
307–313	A D1 D	34/14
		34/18
		34/20
314–320	A D1 D	63/00
		65/00
320.1, 320.2	A D1 D	67/00
321	A D1 D	75/28
322	A D1 D	73/00
323	A D1 D	67/04
324	A D1 D	1/14
324.5	A D1 D	1/08
327	A D1 D	45/00
328	A D1 D	46/00
329	A D1 D	46/22
330, 331	A D1 D	46/00
332–340	A D1 D	46/24
341–343	A D1 D	39/00
		43/02
		75/00
344	A D1 D	43/02
		87/00
345–360	A D1 D	43/02
		87/04
361	A D1 D	43/02
		87/00
362, 363	A D1 D	43/02
		87/06
364	A D1 D	43/02
		89/00
365–400	A D1 D	76/00
		78/00
		80/00
		84/00
400.01–.03	A D1 D	7/00
400.04–.13	A D1 D	7/10
400.14–.19	A D1 D	7/00
400.2	A D1 D	7/06
400.21	A D1 D	7/00
401–431	A D1 D	75/06
		76/00
		78/00
		80/00
		84/00
432–473	A D1 D	39/00
		43/00
473.5	A D1 D	75/00
474–480	A D1 D	75/04
500–505	A 01 D	49/00

U.S. Class 57

Textiles, spinning, twisting and twining

(IPC D 01 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	D D1 H	
2	D D1 H	1/12
2.3, 2.5	D D1 H	
3–19	D D2 G	3/36
20–22	D D1 H	
23	D D1 H	17/00
24	D D2 G	3/42
25–27	D D1 H	
28	D D2 G	3/14
29	D D2 G	1/00
30	D D2 G	3/14
31	D D2 G	3/06
32	D D2 G	3/08
33	D D2 G	3/22
58.3–58.38	D D1 M	7/90
58.49–58.86	D D1 H	1/10
		7/86
59–65	D D1 H	7/02
	D D7 B	3/02
66	D D1 H	1/00
	D D7 B	3/08
66.5	D D1 H	1/00
67–71	D D1 H	1/04
		7/24
72, 73	D D1 H	1/00
74	D D1 H	7/66
75	D D1 H	7/52
76, 77	D D1 H	1/08
		7/74
78	D D1 H	13/14
79	D D1 H	13/24
80–82	D D1 H	13/16
83	D D1 H	13/18
84–88	D D1 H	13/18
89	D D1 H	13/14
90, 91	D D1 H	13/02
92–105	D D1 H	13/00
112	D D1 H	9/00
		13/00
113	D D1 H	7/44
		13/00
114	D D1 H	13/08
115, 116	D D1 H	7/24
117	D D1 H	7/24
		7/32
118	D D1 H	7/30
119	D D1 H	7/52
120	D D1 H	7/62
121	D D1 H	7/52
122–124	D D1 H	7/64
125, 126	D D1 H	7/60
127	D D1 H	7/68
127.5, 127.7	D D1 H	13/00
129	D D1 H	7/04
		13/00
130	D D1 H	7/04
131	D D1 H	7/18
132	D D1 H	7/14
133, 134	D D1 H	7/20
135	D D1 H	7/08
136	D D1 H	7/40
137	D D1 H	7/64
138	D D1 H	13/04
200	D D2 G	3/02
		3/36
201, 202	D D2 G	
203	D D2 G	3/36
		3/42
204	D D1 H	13/26
	D D2 G	3/02
		3/36
205, 206	D D2 G	3/02
		3/36
207	D D2 G	3/02
		3/06
		3/08
		3/36
208	D D1 H	13/26
	D D2 G	3/02
		3/36
209–210	D D2 G	3/02
		3/36
211	D D2 G	3/06
		3/08
		3/36
	D D7 B	1/06
212, 213	D D2 G	3/36
214	D D2 G	3/36
	D D7 B	1/06
215	D D2 G	
216	D D2 G	3/36
217	D D2 G	3/36
	D D7 B	1/06
218, 219	D D7 B	1/06
220, 221	D D2 G	3/36
	D D7 B	1/06
222	D D2 G	3/06
		3/08
		3/36
223	D D2 G	3/36
	D D7 B	1/06
224	D D2 G	3/02
		3/02
		3/06
		3/08
		3/36
225–228	D D2 G	3/02
		3/36
229	D D2 G	3/02
		3/06
		3/08
		3/36
230	D D2 G	3/06
		3/08
		3/36
	D D7 B	1/06
231, 232	D D2 G	3/36
233	D D2 G	3/06
		3/08
		3/36
234	D D2 G	
235	D D2 G	3/06
		3/08
		3/36
236	D D1 H	
	D D2 G	3/02
		3/36
237–242	D D2 G	3/02
		3/36
243	D D2 G	3/02
244	D D2 G	3/02
		3/36
245	D D2 G	3/02
246	D D2 G	3/02
		3/36
247	D D1 H	13/26
	D D2 G	3/02
		3/36
248	D D2 G	3/02
249, 250	D D2 G	3/02
		3/36
251	D D1 H	13/30
	D D2 G	3/02
		3/06
		3/08
		3/36
252–254	D D2 G	3/02
255	D D2 G	3/02
		3/36
256	D D2 G	3/02
257, 58	D D2 G	3/02
		3/36
259, 260	D D2 G	3/02
		3/06
		3/08
		3/36
261	D D1 H	11/00
		13/04
		13/26
	D D2 G	
262	D D1 H	9/10
		13/26
263	D D1 H	13/26
	D D2 G	
264	D D1 H	7/46
		7/92
		9/00
		9/10
		11/00
		13/26
265	D D1 H	7/46
		7/92
		9/00
		9/10
		11/00
		13/26
266	D D1 H	9/00
		9/14
	D D2 G	
267	D D1 H	9/00
		9/10
		9/14
268	D D1 H	9/00
		9/10
269	D D1 H	9/00
		9/10
	D D2 G	
270–272	D D1 H	9/10
273	D D1 H	9/00
		9/14
274, 275	D D1 H	9/00
276	D D1 H	5/28
		9/00
		9/14
277, 278	D D1 H	9/00
		9/14
279	D D1 H	5/28
		9/00
		13/14
	D D2 G	3/02
280	D D1 H	5/00
		7/46
		7/92
		13/04
	D D2 G	3/02
281	D D1 H	9/10
		9/14
		13/26
	D D2 G	
282	D D1 H	13/26
		13/30
	D D2 G	3/02
283	D D1 H	7/46
		7/92
		13/26
		13/33
	D D2 G	3/02
284	D D1 H	5/00
		7/46
		7/92
		13/04
		13/26
	D D2 G	3/02
285	D D1 H	13/26
	D D2 G	3/02
286	D D1 H	13/20
		13/26
	D D2 G	3/02
		3/36
287	D D1 H	13/26
	D D2 G	3/02
288	D D1 H	7/46
		7/92
		13/26
	D D2 G	3/02
289	D D1 H	13/26
	D D2 G	3/02
290	D D1 H	7/46
		7/92
		13/26
	D D2 G	3/02
291	D D1 H	13/26
292	D D1 H	13/30
	D D2 G	3/02
		3/36
293	D D1 H	5/00
		7/46
		7/92
		13/26
	D D2 G	3/02
		3/36
294	D D1 H	13/26
		13/30
	D D2 G	
295, 296	D D1 H	13/26
		13/30
	D D2 G	3/02
		3/36
297	D D1 H	13/30
	D D2 G	3/02
		3/36
298	D D1 H	13/30

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 57—Con.		
	D 02 G	3/36
299	**D 02 G**	
300–302	**D 01 H**	11/00
303	**D 01 H**	9/14
		11/00
		13/26
	D 02 G	
304	**D 01 H**	11/00
		13/26
305	**D 01 H**	5/28
		11/00
		13/26
306	**D 01 H**	9/00
		9/14
		11/00
		13/26
307	**D 01 H**	11/00
308	**D 01 H**	5/28
		13/26
		13/30
	D 02 G	3/02
309	**D 01 H**	5/28
		13/26
		13/30
	D 02 G	3/02
		3/36
	D 07 B	1/06
310	**D 01 H**	13/04
	D 02 G	3/02
311	**D 01 H**	13/26
	D 02 G	3/36
	D 07 B	1/06
312	**D 01 H**	5/28
		9/14
		13/26
		13/30
	D 02 G	3/02
313	**D 01 H**	5/28
		7/46
		7/92
		13/26
	D 02 G	3/02
314	**D 01 H**	13/26
	D 02 G	3/26
	D 07 B	1/06
315	**D 01 H**	5/28
		13/04
		13/26
	D 02 G	3/02
316	**D 01 H**	5/28
317	**D 01 H**	5/28
	D 02 G	3/02
318	**D 01 H**	5/28
319	**D 01 H**	3/00
320	**D 01 H**	3/00
		3/04
		3/26
	D 02 G	
321	**D 01 H**	3/00
322, 323	**D 01 H**	3/16
324, 325	**D 01 H**	3/12
326	**D 01 H**	3/14
327	**D 01 G**	15/00
	D 01 H	7/46
		7/92
		13/26
	D 02 G	
328	**D 01 H**	5/00
		5/28
		7/46
		7/92
		13/26
	D 02 G	
329, 330	**D 01 H**	5/00
331	**D 01 H**	5/00
		7/46
		7/92
		13/26
332–349	**D 01 H**	1/24
		7/46
		7/92
	D 02 G	1/02
		1/04
		1/06
		1/08
		1/16
		3/00
350, 351	**D 01 H**	13/26
	D 02 G	3/02
352–361	**B 65 H**	57/00
		57/08
		57/16
	D 01 H	1/00
		1/42
		7/18
		13/04
		13/08
		13/12
	D 02 G	1/02
		1/08
362	**D 02 G**	3/02
400–417	**D 01 H**	7/882

U.S. Class 59

Chain, staple and horseshoe making

(IPC B 21 L)

U.S. Subclass	IPC Subclass	IPC Notation
1	**B 21 L**	
2	**B 21 L**	11/12
3	**B 21 L**	5/02
4	**B 21 L**	9/02
5, 6	**B 21 L**	9/00
7	**B 21 L**	9/06
8	**B 21 L**	9/00
9	**B 21 L**	13/00
10–12	**B 21 L**	5/00
13–15	**B 21 L**	11/02
16–26	**B 21 L**	7/00
27	**B 21 L**	1/02
		9/04
		11/02
28	**B 21 L**	1/04
29	**B 21 L**	15/00
30	**B 21 L**	3/04
31–34	**B 21 L**	3/02
		9/08
35.1	**B 21 L**	3/00
		5/00
		17/00
36–62	**B 21 K**	15/02
59	**D 06 B**	/00
60	**D 06 B**	/00
61	**D 06 B**	/00
63–64	**B 21 H**	7/12
65	**B 21 K**	15/02
66–69	**B 21 K**	15/04
70	**B 21 K**	15/00
71–77	**B 21 G**	7/02
76	**O 06 B**	/00
78	**F 16 G**	13/00
79.1–079.3	**F 16 G**	13/00
80–83	**F 16 G**	13/00
84–92	**F 16 G**	13/06
		13/08
93	**F 16 G**	15/00
95	**F 16 G**	13/10

U.S. Class 60

Power plants

(IPC F 02 G)

U.S. Subclass	IPC Subclass	IPC Notation
39.01, 39.02	**F 02 C**	
	F 02 G	3/00
39.03	**F 02 C**	9/00
	F 02 G	3/00
39.04	**F 02 C**	6/00
	F 02 G	3/00
39.05	**F 02 G**	3/00
39.06	**F 02 C**	7/26
	F 02 G	3/00
39.07	**F 02 C**	6/18
	F 02 G	3/00
39.08	**F 02 C**	7/06
	F 02 G	3/00
39.091–39.094	**F 02 G**	3/00
39.1	**F 02 G**	3/00
	F 16 P	7/00
39.11	**F 02 G**	3/00
	F 16 P	1/02
		3/02
39.12	**F 02 B**	43/00
	F 02 G	3/00
39.13	**F 02 C**	9/00
	F 02 G	3/00
39.141, 39.142	**F 02 C**	7/26
	F 02 G	3/00
39.15	**F 02 C**	6/00
	F 02 G	1/00
		3/00
39.161–39.163	**F 02 C**	1/06
		3/10
		6/00
	F 02 G	1/00
		3/00
39.17	**F 02 C**	1/06
		6/00
		6/00
39.181–39.183	**F 02 C**	6/00
	F 02 G	1/00
		3/00
39.19	**F 02 C**	1/00
	F 02 G	1/00
		3/00
39.2–39.23	**F 02 C**	9/00
	F 02 G	3/00
39.24, 39.25	**F 02 C**	9/00
	F 02 G	3/00
39.26, 39.27	**F 02 C**	9/00
	F 02 G	3/00
39.281, 39.282	**F 02 C**	9/00
	F 02 G	3/00
39.29, 39.3	**F 02 C**	9/00
	F 02 G	3/00
39.31, 39.32	**F 02 C**	7/20
	F 02 G	3/00
39.33	**F 02 G**	1/00
		3/00
39.34	**F 02 C**	3/14
		5/02
39.35	**F 02 C**	3/14
39.36	**F 02 C**	3/06
		3/08
39.37	**F 02 C**	3/00
39.38	**F 02 C**	5/02
39.39	**F 02 C**	5/12
39.4	**F 02 C**	5/02
39.41	**F 02 C**	7/00
39.42	**F 02 C**	3/00
		5/00
39.43	**F 02 C**	3/04
39.44	**F 02 C**	3/00
		5/00
39.45	**F 02 C**	3/02
	F 02 G	1/00
		3/00
39.461–39.463	**F 02 C**	3/20
	F 02 G	1/00
		3/00
39.464	**F 02 C**	3/26
	F 02 G	1/00
		3/00
39.465	**F 02 C**	3/22
	F 02 G	1/00
		3/00
39.47	**F 02 C**	3/26
	F 02 G	1/00
		3/00
39.48	**F 02 C**	6/163
	F 02 G	1/00
		3/00
39.49, 39.5	**F 02 C**	7/08
	F 02 G	1/00
		3/00
39.511	**F 02 C**	7/10
	F 02 G	1/00
		3/00
39.512	**F 02 C**	1/105
	F 02 G	1/005
		3/005
39.52	**F 02 C**	7/08
	F 02 G	1/00
		3/00
39.53–39.59	**F 02 C**	7/00
	F 02 G	1/00
		3/00
39.6–39.62	**F 02 C**	5/00
	F 02 G	1/00
		3/00
39.63	**F 02 C**	3/00
	F 02 G	1/00
		3/00
39.75	**F 02 C**	3/00
		5/00
39.76	**F 02 C**	5/00
	F 02 G	1/00
		3/00
39.77–39.8	**F 02 G**	1/00
		3/00
39.81	**F 02 C**	9/00
	F 02 G	1/00
		3/00
39.821–39.826	**F 02 G**	1/005
		3/005
		7/265
39.827	**F 02 G**	1/00
		3/00
		7/266
39.828	**F 02 C**	7/262
		7/266
	F 02 G	1/00
		3/00
39.83	**F 02 C**	7/12
200.1	**F 02 G**	1/00
		3/00
	F 02 K	
201	**F 02 K**	
202	**F 03 H**	
	H 05 H	1/00
203.1	**G 21 D**	
	H 05 B	
204	**B 63 H**	11/00
	B 64 G	9/00
	F 02 K	
	F 03 H	
	F 23 R	
205	**C 06 D**	5/00
	F 02 K	
	F 23 R	
206	**C 06 D**	5/00
	F 02 K	
	F 23 R	
207	**C 06 O**	5/00
	F 02 K	
	F 23 R	
208–210	**C 06 O**	5/00
	F 02 K	
208	**F 23 R**	
211–216	**C 06 O**	5/00
	F 02 K	
211	**F 23 R**	
217	**C 06 D**	5/00
	F 02 K	
	F 23 R	
218	**C 06 D**	5/04
	F 02 K	
	F 23 R	
219, 220	**C 06 O**	5/00
	F 02 K	
	F 23 R	
221	**B 63 H**	11/00
222	**B 63 H**	25/46
223	**F 02 K**	
224	**F 02 K**	3/00
		7/00
		9/00
		9/74
		9/76
		9/78
		11/00
225	**F 02 K**	9/00
		9/74
		9/76
		9/78
		11/00
226.1–226.3	**F 02 K**	3/02
227	**B 63 H**	11/12
	F 02 K	
228	**F 02 K**	1/00
		1/54
229	**F 02 K**	1/00
230	**F 02 K**	1/00
231	**F 02 K**	1/00
		1/28
232	**F 02 K**	1/00
233	**F 02 K**	3/00
234	**F 02 K**	9/00
235–239	**F 02 K**	1/16
		1/18
240	**F 02 K**	3/00
241	**F 02 K**	3/10
242	**F 02 K**	1/18
243	**F 02 K**	3/00
244, 245	**F 02 K**	3/00
		7/00
		9/00
246	**F 02 K**	5/00
247	**F 02 K**	5/02
		7/00
248	**F 02 K**	5/02
249	**F 02 K**	7/02
250, 251	**F 02 K**	9/06
252	**F 02 K**	9/00
253–256	**F 02 K**	9/00
		9/08
		9/70
		9/72
257–260	**F 02 K**	9/00
		9/42
		9/72
261	**F 02 K**	3/10
262	**F 02 K**	1/38
		1/46
		3/02
263	**F 02 K**	3/10
		3/12
264	**F 02 K**	3/04
265	**F 02 K**	
266, 267	**F 02 K**	11/00
268, 269	**F 02 K**	3/00
270.2	**F 02 K**	7/08
		7/10
271	**F 02 K**	1/00
272, 273	**F 01 N**	
274–276	**F 01 N**	3/00
277	**F 01 N**	3/00
		7/00
278, 279	**F 02 M**	25/06
280	**F 01 N**	3/04
281	**F 01 N**	5/00
282–298	**F 01 N**	3/00
299, 300	**F 01 N**	3/103
301	**F 01 N**	3/103
302	**F 01 N**	3/103
303–308	**F 01 N**	3/10
309	**F 01 N**	3/02
310	**F 01 N**	3/04
		7/12
311	**F 01 N**	3/02
312–314	**F 02 B**	27/02
315, 316	**F 02 B**	35/00
317, 318	**F 01 N**	3/02
319	**F 01 N**	5/04
320	**F 01 N**	3/02
		5/02
321	**F 01 N**	3/02
		7/06
322	**F 01 N**	7/00
323	**F 01 N**	7/10
324	**F 01 N**	7/00
325–329	**F 16 D**	31/00
		33/00
		37/00
		39/00
330, 331	**F 16 D**	33/00
332	**F 16 O**	33/02
333–346	**F 16 D**	33/00
347–350	**F 16 D**	33/02
351	**F 16 D**	33/14
352–356	**F 16 D**	33/02
357–360	**F 16 D**	33/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 60—Con.		
361–367	F 16 0	33/00
368	F 16 D	31/00
		35/00
		37/00
		39/00
369–486	F 16 D	31/02
487–493	F 16 0	39/00
494	F 16 0	31/02
495–507	F D3 C	
508	F 01	
	F 02	
509	F D1 K	7/00
		43/00
		45/00
		47/00
510	F 02 B	3/00
	F D2 G	1/00
511	F 01 K	21/04
512, 513	F 01 B	29/00
514	F D1 K	
515	F D1 P	
516	F 01 B	29/08
	F D1 K	25/00
517–529	F 01 B	29/10
	F 02 G	1/04
530, 531	F D3 C	5/00
532	F 15 B	21/12
533	F 15 B	7/00
534	B 6D T	17/22
535	F 15 B	7/00
536–544	F 15 B	7/02
545, 546	F 15 B	7/00
547.1–547.3	B 60 T	13/00
548	B 6D T	13/12
549–559	B 6D T	13/20
560	F 15 B	7/00
561	B 60 T	11/06
		11/24
562	B 60 T	11/20
563	B 6D T	13/58
564	B 6D T	11/34
565, 566	B 60 T	17/00
567, 568	B 6D T	7/00
569	B 60 T	17/16
570, 571	F 15 B	7/00
572, 573	F 15 B	7/10
574–578	B 60 T	11/08
	F 15 B	7/04
579	F 15 B	3/00
		7/08
580	B 6D T	11/24
	F 15 B	7/00
581	F 15 B	7/00
582	B 6D T	11/32
		17/18
583	F 15 B	7/00
584	B 6D T	11/30
	F 15 B	7/10
585–588	B 6D T	11/26
	F 15 B	7/08
589	B 60 T	11/28
	F 15 B	7/08
590	F 16 D	65/74
591	F 15 B	7/00
592	F 15 B	7/10
593	F 15 B	15/18
594	B 6D T	7/02
	F 15 B	7/08
595	F D2 B	71/04
596	F D2 B	71/02
597	F D2 G	
598	F 02 B	33/44
599	F 02 B	29/04
600–603	F 02 D	23/00
604	F 01 K	23/06
		23/14
	F D2 G	
605–612	F D2 B	33/44
613–617	F D2 G	3/00
618	F D1 K	23/10
619–624	F D2 G	3/00
625–631	F D2 N	30/00
632–638	F D1 B	29/08
	F D2 N	13/00
639	F D3 B	7/00
	F 03 G	3/04
640	F 03 B	17/06
641.1, 641.5	F D1 K	27/00
641.1–641.5	F 03 G	7/00
641.11–641.15	F D3 G	7/02
641.6, 641.7	F D3 G	7/04
		7/06
641.8, 641.9	F D3 G	7/02
642	F 01 K	1/04
643	F 01 K	
644.1	G 12 D	5/00
645	F D1 K	13/00
646	F 01 K	13/92
		21/06
647	F 01 K	7/32
648	F 01 K	17/00
649	F D1 K	25/06
650	F 01 K	25/02
	F 02 C	1/04
	F D2 G	1/00
651	F 01 K	25/08
652	F 01 K	3/00
		13/02
653	F 01 K	7/34
654	F 01 K	9/00
		19/10
655	F D1 K	23/04
656	F 01 K	13/02
657	F D1 B	31/00
	F 01 D	
	F 01 K	19/00
658	F D1 K	7/24
659	F D1 K	1/00
		3/00
660	F D1 K	13/02
661	F D1 K	9/00
662	F 01 K	7/06
663	F D1 K	7/22
664	F D1 K	11/00
665	F 22 D	
666	F 01 K	7/42
667	F 22 D	
668	F 01 K	15/00
669	F 01 K	11/00
670	F D1 K	
671	F 01 K	25/00
672	F 01 K	25/10
673	F D1 K	25/06
674	F 01 K	21/04
675	F D1 K	7/00
676	F 01 K	13/00
677	F 01 K	13/00
		17/00
678	F 01 K	7/34
679, 680	F 01 K	7/22
681	F D1 K	19/00
682–684	F D1 K	25/02
	F D2 C	1/04
685	F D1 B	31/16
	F D1 K	9/00
		17/00
	F 2B B	
686	F D1 K	17/00
	F 22 D	5/00
	F 2B B	11/00
687	C 09 B	
	F 01 B	31/06
	F 2B B	
688	F 01 K	19/10
	F 2B B	3/00
689	F D1 K	
690	F D1 K	9/00
		17/00
	F D2 B	1/00
691	F D1 K	7/34
	F 22 D	1/00
692	F 01 K	9/02
	F 22 0	5/18
		11/02
693	F 2B B	7/00
694	F D1 B	31/16
		31/30
695	F 01 B	31/00
696	F 01 B	31/00
	F D1 D	25/30
697	F 01 D	25/30
698	F D1 B	21/04
	F 01 K	23/00
	F 02 B	73/00
699	F D1 B	21/04
700–702	F 01 B	21/04
	F 02 D	25/02
703–706	F D1 B	21/04
	F 02 B	25/00
		73/00
707	F D1 B	21/04
	F D2 B	73/00
708	F 02 0	25/00
709	F 01 B	21/04
	F 02 B	73/00
	F 02 0	25/04
710	F 02 D	25/00
711	F D1 B	21/04
	F D2 B	73/00
	F D2 0	25/00
712	F 01 B	29/04
713	F 01 B	21/04
	F 01 K	23/00
	F D2 B	73/00
714	F D2 D	25/00
715	F 01 B	21/04
	F 02 B	73/00
716–720	F 01 B	21/04
	F 01 K	23/00
	F D2 B	73/00
721	F 01	
	F 02	
	F 03	
722–724	F D2 C	1/00
	F 02 G	3/00
725	F 02 C	7/24
726–734	F 02 C	1/00
	F D2 G	3/00
735	F 02 C	3/16
		3/18
736	F D2 C	7/08
737	F 02 C	1/00
	F 02 G	3/00
738	F 02 C	7/08
739–760	F 02 C	1/00
	F 02 G	3/00
900	F 02 D	
901	F 01 C	
	F 02 B	55/00
		55/16
902	F D1 N	1/18
		3/00
903	E D5 F	15/00
904	B 64 C	9/00
		13/00
905	B 65 H	
906	F 01 B	25/06
	F D1 C	21/12
	F D1 0	17/06
		21/02
	F D2 B	
	F D2 C	9/00
	F D2 D	
	F D2 G	
	F D2 K	
	F D3 B	15/06
907	F 15 B	
908	A 47 L	15/00
	B 05 C	
	D 06 F	
909	F D2 K	
917	F D2 K	7/08
		7/10

U.S. Class 62

Refrigeration

(IPC F 25 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 25 C	
3	F 25 B	21/02
4	F 25 D	5/00
5	F 25 B	9/02
6	F 25 B	9/00
7	F 25 B	19/00
8–10	F 25 J	1/00
11	F 25 J	3/00
12–14	F 25 J	5/00
15	F 25 J	3/08
16	F 25 J	3/06
17–21	F 25 J	3/00
22	F 25 J	3/04
23	F 25 J	3/06
24–34	F 25 J	3/02
35	B 29 C	43/00
36–39	F 25 J	3/00
40	F 25 J	1/02
41–44	F 25 J	3/00
45	F 17 C	
46	F 17 C	7/00
47	F 17 C	3/00
48	F 17 C	11/00
49	F 17 C	13/02
50–53	F 17 C	7/02
54	F 17 C	13/00
55	F 17 C	7/02
55.5	B 01 0	8/00
56	F 25 D	
57	F 25 0	17/00
59	F 25 D	3/00
60	B 65 B	63/08
61	B 60 H	1/32
62	F 25 D	25/00
63	F 25 D	13/06
64	F 25 0	17/02
65	F 25 D	13/04
66	F 25 C	1/00
67–70	F 25 C	1/18
71	F 25 C	5/02
72	F 25 C	5/06
73	F 25 C	5/08
74, 75	F 25 C	1/00
76	F 25 C	1/24
77	F 25 B	45/00
78	F 24 F	3/16
79	F 25 B	7/00
80	F 25 D	21/00
81	F 25 B	41/00
82	F 25 D	21/12
83	F 25 B	43/00
84	F 25 B	43/02
85	F 25 B	47/00
86–88	F 25 B	9/00
89–97	F 25 0	17/06
98, 99	F 25 D	17/02
100	F 25 B	19/00
101–105	F 25 B	15/00
106	F 25 B	17/00
107, 108	F 25 B	15/00
109	F 25 B	15/16
110, 111	F 25 B	15/10
112	F 25 B	15/00
113	F 25 B	41/00
114	F 25 B	
115, 116	F 25 B	1/00
117	F 25 B	5/00
118	F 25 0	17/02
119	F 25 D	15/00
120	F 25 0	13/04
121	F 2B C	1/00
122	F 25 B	41/00
123, 124	B D1 D	9/04
	C D2 F	1/22
125–127	F 25 B	49/00
128	F 25 D	21/02
129, 130	G D1 K	13/00
131, 132	F 25 B	49/00
133, 134	B 60 H	1/32
135	F 25 C	1/00
136	A 23 G	9/00
137–139	F 25 C	1/00
140	F 25 D	21/02
141	F 25 B	15/00
142–147	F 25 B	17/00
148	F 25 B	15/00
149	F 25 B	45/00
150	F 25 D	21/00
151–156	F 25 D	21/06
157, 158	G 05 D	23/32
159	F 25 B	29/00
160	F 25 B	13/00
161–164	F 25 0	29/00
165–168	F 25 D	3/12
169	F 25 B	19/00
170	F 25 B	19/02
171	F 2B 0	3/00
172	F 2B B	9/00
173	F 25 B	29/00
174	F 25 B	41/00
175	F 25 B	7/00
176.1–176.6	F 25 B	49/00
	F 25 0	17/04
177–182	F 25 D	17/00
183, 184	F 25 B	39/04
185	F 25 0	17/02
186, 187	F 25 0	17/04
188	F 25 0	17/02
189	F 25 D	17/00
190	F 25 B	
191	F 25 B	1/06
192, 193	F 25 B	31/00
194	F 25 B	43/00
195	F 25 B	43/04
196.1–198	F 25 B	41/00
		49/00
199, 200	F 25 B	5/00
201	F 25 0	17/02
202	G 05 0	23/30
203	F 25 B	41/00
204, 205	F 25 B	41/04
206–214	F 25 B	41/00
215	F 25 B	1/00
216–225	F 25 B	41/04
226–230	F 25 B	1/00
		49/00
231	F 25 B	19/00
232	F 25 B	17/00
233	F 25 C	1/00
234	F 25 D	21/00
235	A 63 C	19/10
235.1	F 25 B	27/00
236	F 25 B	27/00
237	F 25 0	15/00
238.1–238.7	F 25 B	27/00
239	B 60 H	1/32
240	B 63 B	25/26
241–244	B 60 H	1/32
245	B 60 P	3/20
246–257	A 47 F	3/04
258	F 25 0	23/13
259.1–259.4	F 25 D	23/12
260–263	F 25 0	23/12
264	F 25 0	23/00
265, 266	F 25 0	23/02
267	F 25 0	29/00
268–270	F 25 B	19/00
271	F 25 0	23/00
272	F 25 D	21/00
273, 274	F 25 0	23/06
275, 276	F 25 0	21/06
277–280	F 25 B	47/00
281	F 25 D	21/14
282	F 25 0	21/10
283	F 25 B	5/00
284	F 25 0	21/06
285–291	F 25 0	21/14
292	F 25 B	45/00
293	F 25 0	3/00
294	F 25 D	3/10
295–299	F 25 D	19/00
300, 301	F 25 C	1/24
302	F 25 D	23/00
303	F 2B G	
304, 305	F 2B 0	5/00
306	B 01 F	3/04
307, 308	F 25 C	1/18
309	F 25 D	17/04
310, 311	F 2B D	5/00
312, 313	F 25 D	3/02
314	F 2B D	5/00
315	F 2B C	1/00
316	F 2B D	5/00
317	F 25 D	17/04
318	F 25 D	3/02
319	F 25 D	17/02
320	F 25 C	5/02
321	F 25 C	5/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 62—Con.		
322	F 25 B	25/00
323.1–323.4	F 25 B	27/00
324.1–324.6	F 25 B	13/00
325	F 25 B	29/00
326	F 25 B	27/00
327, 328	B 60 H	1/32
329	F 25 D	23/00
330	F 25 D	13/00
331	F 25 D	15/00
		23/12
332	F 25 B	25/00
333	F 25 D	17/00
334	F 25 D	11/02
335	F 25 B	7/00
336	F 25 D	25/00
337–339	F 25 D	23/12
340	F 25 C	
341	F 25 C	5/14
342, 343	A 23 G	9/00
344	F 25 C	5/18
345, 346	A 23 G	9/00
347, 348	F 25 C	1/00
349	F 25 C	5/08
350	F 25 C	1/24
351	F 25 C	5/08
352	F 25 C	5/10
354	F 25 C	1/14
356	F 25 C	1/04
371–372	F 25 D	3/08
373–376	F 25 D	17/02
377, 378	F 25 D	25/00
379	F 25 D	3/02
380	F 25 D	25/04
381, 382	F 25 D	25/02
383, 385	F 25 D	3/12
386	B 67 D	5/62
387, 388	F 25 D	3/12
389–400	B 67 D	5/62
401–403	F 25 D	9/00
404	F 25 D	17/04
405	F 25 D	17/08
406–410	F 25 D	17/04
411, 412	F 25 D	17/06
413	F 25 D	17/04
414	F 25 D	17/06
415–418	F 25 D	17/04
419	F 25 D	17/06
420–425	F 25 D	3/02
426–429	F 25 D	17/06
430	F 25 D	11/00
431, 432	F 25 D	11/02
433	F 25 D	11/04
434–436	F 25 D	17/02
437	F 25 D	11/00
438, 439	F 25 D	11/04
440	F 25 D	11/00
441	F 25 D	11/02
442	F 25 D	13/02
443–447	F 25 D	11/02
448	F 25 D	19/02
449, 450	F 25 D	19/00
451	F 25 D	23/06
452–456	F 25 D	19/00
457	F 25 D	3/08
458	F 25 D	13/00
459–464	F 25 D	3/02
465, 466	F 25 D	25/00
467	F 25 B	
468–473	F 25 B	43/02
474	F 25 B	43/00
475	F 25 B	43/04
476	F 25 B	15/00
477	F 25 B	17/00
478	F 25 B	17/02
479	F 25 B	17/06
480	F 25 B	17/08
481, 482	F 25 B	17/00
483	F 25 B	15/00
484	F 25 B	15/12
485–489	F 25 B	15/00
490–493	F 25 B	15/10
494	F 25 B	37/00
495–497	F 25 B	33/00
498	F 25 B	1/00
499	F 25 B	3/00
500	F 25 B	1/06
501, 502	F 25 B	1/00
503	F 25 B	43/00
504	F 25 B	39/02
505	F 25 B	31/00
506–509	F 25 B	39/04
510	F 25 B	1/10
511	F 25 B	41/06
512	F 25 B	43/00
513	F 25 B	41/00
514	F 25 B	19/00
515–526	F 25 B	39/02
527–528	F 25 B	41/06
529	F 25 D	3/10
530	F 25 D	3/08
531	F 25 B	
532–545	B 01 D	9/04
	C 02 F	1/22

U.S. Class 63

Jewelry

(IPC A 44 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 44 C	13/00
		15/00
		25/00
2	A 44 C	25/00
3	A 44 C	5/00
4	A 44 C	5/02
5, 6	A 44 C	5/04
7–11	A 44 C	5/00
12–14	A 44 C	7/00
15–15.4	A 44 C	9/00
		19/00
15.45–15.65	A 44 C	9/02
15.7, 15.8	A 44 C	9/00
		19/00
18–19	A 44 C	15/00
20	A 44 C	1/00
		3/00
21, 22	A 44 C	11/00
		15/00
		25/00
23	A 44 C	25/00
24, 25	A 44 C	19/00
26–31	A 44 C	17/02
32	A 44 C	17/00

U.S. Class 65

Glass manufacturing

(IPC C 03 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 03 B	37/00
2	C 03 B	37/00
3.1–3.44	C 03 C	25/02
4.1–4.4	C 03 B	23/20
		37/10
5–7	C 03 B	37/06
		37/08
8	C 03 B	19/04
		37/04
9	C 03 B	23/20
		29/00
		33/08
		37/00
	C 03 C	27/00
10	C 03 B	37/00
10.1	C 03 B	37/025
10.2	C 03 B	37/01
11.1	C 03 B	37/00
	C 03 C	25/00
		27/00
12	C 03 B	25/00
		27/00
	C 03 C	25/00
13	C 03 B	23/04
		37/02
14	C 03 B	19/04
		37/04
		37/06
15	C 03 B	19/04
		37/04
16	C 03 B	37/06
17	B 28 B	
	C 03 B	
	C 04 B	5/00
18.1–18.4	C 03 B	19/09
		20/00
18.1	C 03 B	23/20
	C 03 C	27/00
		29/00
19–20	C 03 B	5/18
		19/08
	C 04 B	5/00
21.1–21.5	C 03 B	9/00
		19/10
		23/00
		37/00
22	C 03 B	19/08
23	C 03 C	19/00
		23/00
		27/00
24–26	C 03 B	35/00
		39/00
27	C 03 B	
	C 03 C	
28	C 03 B	23/00
		29/00
	C 03 C	15/00
		19/00
		27/00
29	C 03 B	
	C 03 C	
30.1–30.14	C 03 C	15/00
31	C 03 C	17/00
		21/00
		23/00
		25/00
32	C 03 B	
	C 03 C	
33	C 03 C	10/00
34	C 03 B	5/16
		29/00
35	C 03 B	35/00
36	C 03 B	23/20
		33/08
	C 03 C	27/00
		29/00
37–39	C 03 B	11/08
		23/22
40	C 03 B	23/20
		25/00
		27/00
		29/00
	C 03 C	27/00
		29/00
41	C 03 B	25/00
		27/00
42	C 03 B	23/20
	C 03 C	27/00
		29/00
43	C 03 C	27/00
		29/00
44	C 03 B	23/00
		31/00
	C 03 C	27/00
		29/00
45	C 03 B	23/08
		23/20
45–53	C 03 B	9/00
		11/00
		13/00
		15/00
		17/00
		18/00
		19/00
54–55	C 03 B	23/00
56	C 03 B	33/00
57	C 03 B	29/00
58	C 03 B	23/24
59.1–59.7	C 03 C	27/02
60.1–60.8	C 03 C	17/00
		25/02
61	C 03 C	19/00
62	C 03 B	
	C 03 C	
63	C 03 B	21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
64	C 03 B	23/00
		31/00
		33/00
65	C 03 B	29/00
66	C 03 B	9/00
		11/00
		13/00
		15/00
		17/00
		18/00
		19/00
67	C 03 B	9/10
68, 69	C 03 B	9/14
		9/16
		9/20
70	C 03 B	9/46
71	C 03 B	7/00
		9/18
		9/22
		11/02
		19/00
72–76	C 03 B	7/00
		9/14
		9/16
		9/20
		9/24
		9/28
		11/04
77–81	C 03 B	9/14
		9/16
		9/193
		9/20
		9/30
82	C 03 B	23/04
		23/18
83	C 03 B	15/00
		17/00
		18/00
		19/00
83–85	C 03 B	9/00
		11/00
		13/00
86–88	C 03 B	15/14
		15/18
		21/00
89	C 03 B	17/00
90–96	C 03 B	13/00
		15/00
		17/00
		19/00
		25/00
		27/00
97	C 03 B	13/00
		15/02
		17/00
		21/02
		21/04
98	C 03 B	13/10
		15/10
99.1–99.6	C 03 B	13/00
		18/02
100–101	C 03 B	13/00
102–110	C 03 B	21/00
		23/00
		25/00
		27/00
		29/00
111	C 03 B	31/00
		32/00
		33/00
	C 03 C	15/00
		17/00
		19/00
		21/00
		23/00
112–113	C 03 B	21/00
		23/26
		33/00
114–116	C 03 B	27/00
117–120	C 03 B	25/00
121	C 03 B	5/26
		5/28
		7/00
122	C 03 B	7/14
123	C 03 B	7/10
124	C 03 B	7/18
126–132	C 03 B	5/26
		5/28
		17/00
133	C 03 B	7/10
134–137	C 03 B	5/16
		5/18
		5/20
		5/225
		5/23
		5/24
138–140	C 03 B	23/07
141	C 03 B	5/23
142–143	C 03 B	13/14
		19/10
	C 03 C	27/00
		29/00
144	C 03 B	19/06
145	C 03 B	7/14
146–151	C 03 B	13/10
		13/12
	C 03 C	27/00
		29/00
152	C 03 B	9/42
		23/20
		33/08
	C 03 C	27/00
		29/00
153	C 03 B	23/13
154	C 03 C	27/02
		29/00
155	C 03 B	23/207
	C 03 C	27/02
		29/00
156	C 03 B	23/20
157	C 03 B	
	C 03 C	
158	C 03 B	
	C 03 C	
	G 01 O	
	G 08 B	
159	F 16 P	
	G 03 B	
	G 03 C	
160–164	C 03 B	
	C 03 C	
	G 12 B	1/00
165	B 07 B	
	C 03 B	
	C 03 C	
166	C 03 B	21/04
		23/26
		33/10
167	C 03 B	
	C 03 C	
168	B 08 B	
	C 03 B	
	C 03 C	
169	C 03 B	40/00
170	C 03 B	
	C 03 C	
	F 16 N	1/00
		17/00
171–173	C 03 B	
	C 03 C	
	F 16 B	
174–177	C 03 B	9/45
		21/02
		33/00
178–180	C 03 B	5/18
181	C 03 B	
	C 03 C	
182.1–182.5	C 03 B	18/00
183	C 03 B	17/00
184–186	C 03 B	9/12
		13/00
		17/00
		18/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 65—Con.		
187–192	C 03 B	15/14
		15/18
		17/04
193–206	C 03 B	15/02
207–226	C 03 B	7/00
		9/16
		9/20
		11/00
227–242	C 03 B	9/00
		11/00
		13/00
		15/00
		17/00
		18/00
		19/00
243	C 03 B	9/00
		11/00
		13/00
		15/00
		17/00
		18/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
244	C 03 B	23/00
		29/00
245	C 03 B	13/00
246–251	C 03 B	11/00
252	C 03 B	29/00
253–254	C 03 B	13/00
255	C D3 B	13/06
		13/08
256–257	C 03 B	13/00
258–259	C 03 B	19/02
260	C 03 B	9/04
		9/44
261–267	C D3 B	9/14
		9/16
		9/193
		9/20
		9/28
		9/30
268	C 03 B	23/00
269–274	C 03 B	23/00
		29/00
275–283	C 03 B	23/04
284	C 03 B	29/00
285	C D3 B	23/00
286	C D3 B	23/00
287–291	C 03 B	23/02
292–299	C 03 B	23/04
	C 03 C	23/00
300–301	C 03 B	9/00
302	C 03 B	19/04
303, 304	C 03 B	7/14
305–311	C 03 B	11/00
312	C 03 B	11/02
313–318	C 03 B	11/00
319	C 03 B	11/12
320–322	C 03 B	11/00
323	C 03 B	9/40
		11/16
324	C 03 B	5/26
		7/00
		17/00
325–331	C 03 B	5/26
		7/00
332	C 03 B	7/10
333	C 03 B	5/26
		17/00
334	C D3 B	7/10
335	C D3 B	3/00
336	C D3 B	5/00
337, 338	C D3 B	5/16
339–345	C D3 B	5/20
346	C 03 B	5/16
348–351	C 03 B	27/00
352–354	C 03 B	7/14
		15/00
355, 356	C D3 B	9/38
		11/12
		13/00
		15/00
		17/00
		18/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		35/00
357–361	C D3 B	9/00
		11/00
362	C 03 B	11/06
374.1–374.15	C 03 B	
375	C 03 B	
	C D3 C	

U.S. Class 66

Textiles, knitting

(IPC D 04 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	0 04 B	35/00
		37/00
1.5	D 04 B	17/00
2	D 04 B	17/02
3	D 04 B	5/00
		29/00
4	0 04 B	3/00
5–7	0 04 B	29/00
8	D 04 B	9/00
9	0 04 B	9/12
		9/14
		9/16
		9/44
10	D D4 B	9/16
11–13	0 04 B	9/12
		9/14
		9/16
		9/44
14	D 04 B	9/10
15	0 04 B	9/00
16–18	0 04 B	9/00
19, 20	D 04 B	9/06
21–23	0 04 B	9/24
		9/54
24	0 04 B	9/22
25	D 04 B	9/06
		9/38
26	0 04 B	9/06
		9/38
		15/12
27, 28	0 04 B	9/06
29	D 04 B	9/22
30	D 04 B	9/20
31	0 04 B	9/00
32, 33	D 04 B	9/20
34, 35	D 04 B	9/00
36	D 04 B	9/00
37	D 04 B	9/20
38	0 04 B	9/00
39	0 04 B	9/20
40	0 04 B	9/00
41	0 04 B	9/24
		9/54
42	0 04 B	9/00
43	0 04 B	9/20
		9/36
44	0 04 B	9/38
45	0 04 B	9/58
46–48	0 04 B	9/20
49	D 04 B	9/18
51–53	D 04 B	9/20
54, 55	D 04 B	9/00
		9/46
56	0 04 B	9/00
57	0 04 B	9/00
		15/32
58, 59	D D4 B	9/40
60	D 04 B	7/00
61	D D4 B	7/12
		7/14
		7/18
62	D 04 B	7/00
63	0 04 B	7/06
64	D 04 B	7/04
65	D 04 B	7/34
66	0 04 B	7/04
67	D 04 B	7/10
68	D 04 B	7/00
69	0 04 B	7/00
		7/20
70	0 04 B	7/10
71, 72	D D4 B	7/00
73	D 04 B	7/10
74	0 04 B	7/00
75.1, 75.2	D 04 B	7/00
		15/66
76	D 04 B	7/10
77	D 04 B	7/00
78	0 04 B	7/00
		15/36
		35/00
79, 80	0 04 B	13/00
81	D 04 B	25/02
		25/04
82	0 04 B	11/00
		21/00
83	0 04 B	11/00
84	0 04 B	23/06
		23/08
		23/10
		23/12
85	D 04 B	23/06
		23/08
		23/10
		23/12
		31/00
87	D 04 B	23/02
88	0 04 B	11/04
89	0 04 B	11/06
90, 91	D 04 B	35/00
92	D D4 B	9/06
		9/12
93	D 04 B	35/00
94	D 04 B	15/00
		35/00
95	0 04 B	15/02
96	D 04 B	15/04
97	D 04 B	13/00
98–103	0 04 B	15/28
104–110	D 04 B	15/06
		15/24
		27/04
111, 112	D D4 B	15/08
113–115	D 04 B	15/00
		35/00
116, 117	D 04 B	35/02
118	D 04 B	3/02
		35/02
119	D 04 B	35/08
120–122	D 04 B	35/04
		35/06
123, 124	D 04 B	35/02
125	D 04 B	3/06
		15/48
		27/10
		35/00
126–130	D 04 B	15/52
		15/56
		15/64
131	0 04 B	15/48
		15/50
		20/32
132	D 04 B	15/48
		15/50
133	D D4 B	15/58
		23/22
134	D 04 B	15/60
135	D 04 B	9/32
		15/60
136, 137	D D4 B	9/34
138–144	D 04 B	15/54
		23/22
		27/02
145	D 04 B	35/00
146	D D4 B	15/44
		27/12
		27/14
147	0 04 B	35/00
148	0 04 B	9/40
149–153	D 04 B	15/88
		27/34
		35/00
157	D 04 B	35/10
158–164	0 04 B	35/12
		35/14
		35/16
165	0 04 B	35/10
		35/18
166	0 04 B	35/20
167	0 04 B	35/10
		35/20
168	0 04 B	35/32
169	D 04 B	1/00
		21/00
170	0 04 B	
171	A 41	
	0 04 B	
172	0 04 B	9/46
173	0 04 B	9/54
174	0 04 B	7/34
		9/58
175	A 41 B	9/08
176	A 41 B	9/06
177	A 41 B	9/02
		9/04
		9/10
178	A 41 B	
	0 04 B	11/00
179, 180	0 04 B	9/46
179–180	A 41 B	
181, 182	0 04 B	9/46
183–188	A 41 B	11/02
	D 04 B	9/46
189	A 41	
	0 04 B	7/00
		7/10
190, 191	0 04 B	7/12
		7/14
		9/14
		13/00
192, 193	0 04 B	23/08
		23/10
194	D 04 B	7/12
		9/12
		11/08
		23/08
195	D D4 B	21/00
196, 197	0 04 B	7/04
		11/04
198	0 04 B	13/00
		15/02
199	0 04 B	9/22
200	0 04 B	9/06
201	D 04 B	9/34
202	D 04 B	7/16
		11/12
		21/12
		21/14
		21/16
		21/18
		23/06
203	0 04 B	23/00
		27/00
204	0 04 B	23/00
205	0 04 B	23/04
206–208	0 04 B	23/00
209–212	D 04 B	27/10
213	D 04 B	27/12
214	D 04 B	27/02
215, 216	D 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/66
		15/68
		15/74
		15/76
		15/78
		15/82
217	0 04 B	9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/68
218–221	0 04 B	9/10
		9/28
		9/34
		9/38
		9/48
		9/50
		15/74
		15/76
		15/78
		15/82
222	0 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/66
		15/68
		15/74
		15/78
		15/82
223	0 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/66
		15/68
		15/74
224–227	0 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/74
		15/78
228, 229	0 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/76
		15/78
230	0 04 B	9/10
		9/26
		9/28
		9/34
		9/38
		9/48
		9/50
		15/66
		15/68
		15/74
		15/76
		15/78
231–242	0 04 B	15/00
		15/66

U.S. Class 68

Textiles, fluid treating apparatus

(IPC D 06 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	0 D6 F	37/00
		43/08
	D 06 L	1/00
2	0 D6 C	7/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 68—Con.		
	D 06 F	37/00
	D 06 L	1/00
3–8	B 08 B	3/12
	D 06 F	37/00
9–11	D 06 F	31/00
12	D 06 F	33/00
13–26	D 06 F	29/00
		35/00
27	D 06 F	31/00
28–62	D 06 F	
63–93	D 06 F	9/00
94–130	D 06 F	15/00
131–138	D 06 F	
139–146	D 06 F	21/00
		23/00
		25/00
147–183	D 06 B	3/00
	D 06 F	
184–193	D 06 F	17/02
194–199	D 06 F	17/00
200–206	D 06 B	1/00
	D 06 F	35/00
207–212	D 06 F	37/00
		39/00
213, 214	D 06 F	3/00
215–219	D 06 F	5/02
220	D 06 F	3/00
222	D 06 C	1/00
	D 06 F	75/00
223–231	D 06 F	3/02
232	D 06 F	1/02
233	D 06 F	1/04
235–241	D 06 F	29/00
		39/00
		51/00
242	D 06 F	47/00
243	D 06 F	51/02
244–263	D 06 F	45/00
264–269	D 06 F	45/16
270, 271	D 06 F	45/26
272–275	D 06 F	45/24
276	D 06 F	45/14
U.S. Class 69		
Leather manufacturers		
(IPC C 14 B)		
1	C 14 B	
1.5	C 14 B	1/26
		9/00
3, 4	B 68 B	3/00
6	C 14 B	5/00
6.5	C 14 B	1/44
7	C 14 B	1/54
7.3	C 14 B	1/38
7.5, 7.7	C 14 B	11/00
8	C 14 B	1/00
9–16	C 14 B	1/14
17	C 14 B	11/00
19–19.2	C 14 B	1/26
		15/06
		17/00
19.3	C 14 B	1/26
		15/06
		17/00
20	C 14 B	19/00
21	C 14 B	
21.5, 22	C 14 B	1/00
23–27	C 14 B	15/00
28–32	C 14 C	1/00
		11/00
		13/00
		15/00
33–35	C 14 B	1/40
36	C 14 B	1/18
37	C 14 B	1/14
38	C 14 B	17/14
39	C 14 B	1/14
40	C 14 B	1/14
		17/00
41	C 14 B	1/08
		17/00
42, 43	C 14 B	1/06
		1/10
		17/00
44	C 14 B	17/00
45, 46	C 14 B	1/02
47	C 14 B	17/00
48	C 14 B	1/30
U.S. Class 70		
Locks		
(IPC E 05 B)		
1	E 05 B	15/00
		63/00
1.5, 1.7	E 05 B	63/00
2–13	E 05 B	65/48
14, 15	E 05 B	73/00
16, 17	E 05 B	75/00
18, 19	E 05 B	73/00
20	E 05 B	67/00
21–30	E 05 B	37/06
		37/10
		37/14
		37/18
		37/22
31	E 05 B	67/00
32–34	E 05 B	67/36
35	E 05 B	67/00
36, 37	E 05 B	67/32
38, 39	E 05 B	67/22
40	E 05 B	67/28
41	E 05 B	67/08
42	E 05 B	67/18
43	E 05 B	67/10
44	E 05 B	67/14
45	E 05 B	67/18
46	E 05 B	67/10
47	E 05 B	67/14
48	E 05 B	67/28
49	E 05 B	67/06
50	E 05 B	67/38
51	E 05 B	67/00
52	E 05 B	67/02
53	E 05 B	67/06
54–56	E 05 B	67/38
57	E 05 B	65/00
58	E 05 B	69/00
		73/00
59	E 05 B	69/00
		73/02
60	E 05 B	69/00
61, 62	E 05 B	73/00
63	B 65 D	55/14
	E 05 B	65/48
		65/52
64	A 45 C	13/10
	E 05 B	65/52
65	B 65 D	33/34
	E 05 B	65/52
66	A 45 C	13/10
	E 05 B	65/52
67, 68	E 05 B	67/38
69–71	A 45 C	13/10
	E 05 B	65/52
72–75	A 45 C	13/10
	E 05 B	65/48
76	A 45 C	13/10
	E 05 B	65/52
77	E 05 B	65/00
78–84	E 05 B	65/44
85–88	E 05 B	65/46
89	E 05 B	65/00
90	E 05 B	65/08
91	E 05 B	65/00
92	E 05 B	65/10
93, 94	E 05 B	65/00
95–100	E 05 B	65/08
101	E 05 B	65/06
102–106	E 05 B	63/00
		65/06
107–111	E 05 B	59/00
		63/14
113–123	E 05 B	63/14
124–130	E 05 B	65/06
131	E 05 B	63/12
		65/28
132–135	E 05 B	65/06
136	E 05 B	63/00
137–139	E 05 B	65/06
140	E 05 B	63/00
141	E 05 B	55/00
142	E 05 B	63/12
		65/28
143–145	E 05 B	55/00
149	E 05 B	55/06
150, 151	E 05 B	55/00
152	E 05 B	55/14
153	E 05 B	55/00
154, 155	E 05 B	63/02
156	E 05 B	63/00
157	E 05 B	63/20
158–173	B 65 O	55/14
174	F 16 C	3/00
	G 05 G	5/00
175, 180	G 05 G	5/00
175–180	F 16 K	35/00
	G 05 G	
181	F 16 C	3/00
	G 05 G	5/00
182–189	B 60 R	25/02
	F 16 C	3/00
	G 05 G	5/00
190–206	F 16 H	57/00
	G 05 G	5/00
207–224	B 60 R	25/02
	B 62 H	5/04
	E 05 B	13/10
	F 16 C	3/00
	G 05 G	5/00
225, 226	B 60 R	25/00
225–226	B 62 H	5/14
227	B 60 R	25/00
	B 62 H	5/16
228	B 60 R	25/08
	B 62 H	5/18
229–232	F 16 B	41/00
233–235	B 62 H	5/00
	E 05 B	71/00
236	B 62 H	5/08
	E 05 B	71/00
237, 238	B 60 R	25/00
	E 05 B	65/12
239	B 60 R	25/04
	E 05 B	65/12
240	B 60 R	25/00
	E 05 B	65/19
241	B 60 R	25/04
	E 05 B	65/19
242–244	B 60 R	25/04
	E 05 B	65/12
	F 16 K	35/00
245–247	B 60 R	25/06
	E 05 B	65/12
248	B 60 R	25/04
		25/06
	E 05 B	65/12
249	B 60 R	25/06
	E 05 B	65/12
250, 251	B 60 R	25/04
		25/06
	E 05 B	65/12
252	B 60 R	25/02
		25/04
	E 05 B	65/12
253	B 60 R	25/00
	E 05 B	65/12
254, 255	B 60 R	25/04
	E 05 B	65/12
256	B 60 R	25/00
	E 05 B	65/12
257	B 60 R	25/04
	E 05 B	65/12
258–260	E 05 B	65/12
261	A 47 C	31/00
	E 05 B	65/44
262–265	E 05 B	53/00
		63/14
		65/36
266	E 05 B	15/00
267–274	E 05 B	43/00
275	E 05 B	51/00
276	E 05 B	47/00
277	E 05 B	47/00
278	E 05 B	49/00
279–282	E 05 B	47/00
283	E 05 B	47/06
284, 285	E 05 B	37/00
286	E 05 B	37/00
287, 288	E 05 B	37/16
289, 290	E 05 B	37/20
291	E 05 B	37/00
292, 293	E 05 B	37/12
294	E 05 B	37/00
295, 296	E 05 B	37/00
297–300	E 05 B	37/16
301	E 05 B	37/00
302, 303	E 05 B	37/08
304–310	E 05 B	37/02
311	E 05 B	37/04
312	E 05 B	37/02
313–319	E 05 B	37/00
320	E 05 B	15/00
321, 322	E 05 B	15/12
323–328	E 05 B	15/14
329	E 05 B	15/00
330, 331	E 05 B	17/00
332	E 05 B	1/00
333, 334	E 05 B	15/16
		63/00
336	E 05 B	35/00
337, 338	E 05 B	35/08
339	E 05 B	35/12
340–343	E 05 B	35/10
344	E 05 B	35/00
345	E 05 B	35/04
346	E 05 B	15/06
347–349	E 05 B	
		21/00
		23/00
350	E 05 B	21/00
351	E 05 B	23/00
352–355	E 05 B	21/00
		23/00
		25/00
356	E 05 B	29/14
		31/00
357	E 05 B	27/00
		29/00
		31/00
		33/00
358	E 05 B	27/06
		29/14
		31/00
359	E 05 B	27/04
360–369	E 05 B	27/00
		29/00
		33/00
370	E 05 B	9/08
371	E 05 B	9/04
372	E 05 B	15/00
373–375	E 05 B	9/04
376–378	E 05 B	15/14
379, 380	E 05 B	9/10
		17/04
381	E 05 B	15/02
382–386	E 05 B	25/00
387	E 05 B	35/04
		63/22
388	E 05 B	17/00
389	E 05 B	11/00
390	E 05 B	11/06
391	E 05 B	15/00
392	E 05 B	15/14
		25/00
393	E 05 B	19/00
394	E 05 B	19/20
395	E 05 B	19/00
396, 397	E 05 B	19/02
398, 399	E 05 B	19/08
		19/12
400, 401	E 05 B	19/14
402–404	E 05 B	19/02
405	E 05 B	19/04
		19/16
406	E 05 B	19/04
		19/16
407	E 05 B	19/02
408	E 05 B	19/04
409	E 05 B	19/06
410	E 05 B	19/06
		19/26
411	E 05 B	19/18
412	E 05 B	19/06
		35/06
413	E 05 B	19/26
		47/00
414	E 05 B	19/00
416	E 05 B	13/00
		15/00
		17/00
		63/00
417	E 05 B	15/16
		17/00
		63/00
418, 419	E 05 B	15/00
		17/00
		63/00
420	E 05 B	15/06
		17/00
		63/00
421	E 05 B	15/14
		17/00
		63/00
422	E 05 B	15/16
		63/00
423–428	E 05 B	13/02
		17/14
429, 430	E 05 B	11/00
		13/04
431	E 05 B	17/00
432	E 05 B	41/00
433–435	E 05 B	39/04
	G 07 C	1/32
436, 437	E 05 B	39/04
438	E 05 B	17/00
439	E 05 B	39/00
440	E 05 B	39/02
441	E 05 B	17/00
442	E 05 B	15/00
443	E 05 B	9/00
444	E 05 B	15/00
445	E 05 B	1/00
		3/00
446	E 05 B	17/00
447	E 05 B	15/00
448	E 05 B	9/00
449	E 05 B	9/04
450, 451	E 05 B	9/08
452	A 47 B	95/04
	E 05 B	15/02
453, 454	E 05 B	15/08
455	E 05 B	17/18
456–459	A 44 B	15/00
	A 45 C	11/32
	A 47 G	29/10
460	E 05 B	19/24
461	E 05 B	63/00
		63/06
462	E 05 B	63/04
463	E 05 B	17/00
464	E 05 B	15/00
		17/08
465	E 05 B	63/00
466	E 05 B	17/00
		17/06
467–489	E 05 B	55/04
U.S. Class 71		
Chemistry, fertilizers		
(IPC C 05 F)		
1	A 01 G	
	A 01 N	
	C 05	
3, 4	A 01 N	
	C 05	
5	C 05	
6–10	C 05 F	11/08
11	C 05 F	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 71—Con.		
12, 13	C 05 F	3/00
14	C 05 F	9/00
15	C 05 F	1/00
		3/00
16–18	C 05 F	1/00
19, 20	C 05 B	17/00
	C 05 F	1/00
21	C 05 F	3/00
22	C 05 F	
23	C 05 F	11/00
24	C 05 F	11/02
25	C 05 F	7/00
		11/00
26	C 05 F	5/00
27	C 05 C	
	C 05 F	
28	C 05 C	9/00
29	C 05 B	15/00
	C 05 C	9/00
30	C 05 C	9/00
31	C 05	
32, 33	C 05 B	
34–36	C 05 B	7/00
37	C 05 B	11/04
38	C 05 B	11/14
39	C 05 B	11/06
		11/12
40	C 05 B	1/00
		11/08
41	C 05 B	1/00
		11/10
42	C 05 B	11/16
43	C 05 B	11/00
44–47	C 05 B	13/00
48	C 05 B	
49	C 05 B	17/00
50	C 05 B	11/06
		17/00
	C 05 C	1/00
51	C 05 B	7/00
52, 53	C 05 B	17/00
54	C 05 C	
55–57	C 05 C	7/00
58, 59	C 05 C	
60	C 05 C	1/00
		3/00
		5/00
		11/00
	C 05 D	
61–63	C 05 D	
64.01–64.13	A 01 N	25/00
	C 05 G	5/06
65–67	A 01 N	
68	A 01 N	3/02
69, 70	A 01 N	
71	A 01 N	57/00
72	A 01 N	31/00
73	A 01 N	43/02
74	A 01 N	43/34
75	A 01 N	43/02
76–79	A 01 N	
80–84	A 01 N	59/00
85	A 01 N	
86	A 01 N	57/00
87	A 01 N	57/10
88	A 01 N	43/00
89	A 01 N	43/08
90, 91	A 01 N	43/02
92, 93	A 01 N	43/48
		43/64
94	A 01 N	43/40
95	A 01 N	43/36
96	A 01 N	43/38
97	A 01 N	55/02
98	A 01 N	31/00
99	A 01 N	38/08
100, 101	A 01 N	37/00
102	A 01 N	37/12
103, 104	A 01 N	41/00
105	A 01 N	37/34
106	A 01 N	37/00
107	A 01 N	37/10
108	A 01 N	37/36
109, 110	A 01 N	37/38
111	A 01 N	37/44
112	A 01 N	37/10
113	A 01 N	37/00
114, 115	A 01 N	37/10
116, 117	A 01 N	37/38
118	A 01 N	37/18
119	A 01 N	47/28
120	A 01 N	47/30
121	A 01 N	33/02
122	A 01 N	31/00
		35/08
123	A 01 N	35/00
124	A 01 N	31/00
125	A 01 N	33/18
126	A 01 N	29/00
127	A 01 N	27/00
128	A 01 N	11/00
		59/00
		59/08
		59/10
		59/12
		59/14

U.S. Class 72

Metal deforming

(IPC B 21)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 D	55/00
2–5	B 21 B	33/02
	B 21 D	55/00
6	B 21 B	37/00
7	B 21 B	37/14
	B 30 B	15/26
8, 9	B 21 B	37/12
10–12	B 21 B	37/00
13	B 21 B	37/10
14, 15	B 21 B	37/00
16	B 21 B	37/02
17, 18	B 21 B	37/04
19–21	B 21 B	37/08
22–27	B 21 J	7/46
28, 29	B 21 B	37/06
30	B 30 B	15/00
31–34	B 21 C	51/00
35, 36	B 21 B	31/34
37	B 21 C	51/00
38	B 21 B	9/00
39	B 21 B	45/04
	B 21 C	43/00
40	B 21 B	45/02
	B 21 C	43/00
41–45	B 21 B	45/02
46	B 21 B	45/00
	B 21 C	23/24
47	B 21 B	45/00
	B 21 C	23/24
48	B 21 D	19/12
49, 50	B 21 C	37/12
51, 52	B 21 D	39/02
		51/28
53	B 21 J	
54	B 21 D	22/10
		26/00
		28/18
	B 21 J	5/04
55	B 21 D	22/00
		26/00
		28/18
56	B 21 D	26/02
	B 21 J	5/04
57, 58	B 21 D	39/08
		39/20
59	B 21 D	15/06
60–63	B 21 D	22/10
		28/18
		39/20
64, 65	B 21 B	15/02
	B 21 D	11/14
66	B 21 D	11/00
67	B 21 B	1/00
		3/00
		11/00
68	B 21 B	15/00
		23/00
69	B 21 B	27/06
70–76	B 21 B	
77	B 21 B	13/20
78	B 21 D	3/00
79	B 21 D	3/06
80	B 21 B	5/00
81	B 21 D	22/00
82, 83	B 21 D	22/14
		29/02
84, 85	B 21 D	22/00
86, 87	B 21 D	19/12
88	B 21 D	17/04
	B 21 H	3/06
89	B 21 H	1/14
		3/06
90	B 21 B	17/04
	B 21 H	3/06
91–94	B 21 B	
95	B 21 B	19/00
96	B 21 B	19/08
97	B 21 B	19/04
98	B 21 B	19/12
99	B 21 B	19/02
	B 21 D	3/04
		3/05
100	B 21 D	19/00
101	B 21 B	1/10
102	B 21 B	27/00
	B 21 D	15/00
103, 104	B 21 H	3/04
105, 106	B 21 D	15/04
107–111	B 21 D	15/00
112	B 21 D	1/02
		3/02
113	B 21 D	1/08
114	B 21 J	15/12
115–123	B 21 D	3/02
124	B 21 B	19/14
125, 126	B 21 B	3/06
127	B 21 B	3/00
128	B 21 K	29/00
129–132	B 21 F	11/00
133	B 21 B	39/02
134	B 21 C	47/00
135	B 21 F	3/02
136	B 21 D	11/08
137	B 21 F	35/02
138, 139	B 21 F	3/10
140	B 21 F	3/02
141	B 21 F	3/06
142–145	B 21 F	3/04
146–148	B 21 C	47/00
149	B 21 D	7/04
		9/05
150	B 21 D	9/05
151–159	B 21 D	7/04
160	B 21 D	1/02
		3/02
161	B 21 B	15/00
	B 21 C	19/00
162	B 21 D	3/04
		3/05
163–165	B 21 D	1/02
		3/02
166	B 21 D	5/14
		9/10
167	B 21 D	11/08
168	B 21 B	15/00
169–175	B 21 D	5/14
		9/10
176	B 21 D	5/08
177	B 21 B	15/00
178	B 21 D	5/08
179	B 21 D	5/14
180	B 21 D	5/16
181	B 21 D	5/08
182	B 21 D	5/14
183	B 21 D	3/12
		25/02
184	B 21 B	1/00
		3/00
	B 21 H	11/00
185, 186	B 21 D	13/00
187, 188	B 21 B	1/04
		1/12
		1/18
		1/24
189–195	B 21 B	21/00
196	B 21 D	13/04
197, 198	B 21 B	*
199	B 21 B	
	B 21 H	1/22
200	B 21 B	27/06
201, 202	B 21 B	27/06
203, 204	B 21 B	1/00
205	B 21 B	39/08
206	B 21 B	15/00
207	B 21 B	
208, 209	B 21 B	17/10
210, 211	B 21 D	
212, 213	B 21 D	9/08
214–220	B 21 D	7/02
		7/022
221	B 21 B	1/00
222, 223	B 21 B	39/14
224, 225	B 21 B	13/10
226	B 21 B	39/00
227	B 21 B	41/00
228	B 21 B	41/04
229	B 21 B	41/06
230	B 21 B	41/10
231	B 21 B	41/02
232	B 21 B	13/04
233	B 21 B	13/16
234	B 21 B	13/08
235	B 21 B	13/12
236	B 21 B	27/04
		27/06
		28/00
		28/02
237	B 21 B	31/00
237–249	B 21 B	31/07
238, 239	B 21 B	31/08
240	B 21 B	31/20
241, 242	B 21 B	13/14
		29/00
243	B 21 B	31/16
244	B 21 B	31/30
245	B 21 B	31/32
246	B 21 B	31/16
247	B 21 B	31/18
248	B 21 B	31/24
249	B 21 B	35/00
250–252	B 21 B	39/20
253.1	B 21 C	23/00
254–256	B 21 C	23/00
257	B 21 C	35/00
258	B 21 C	23/22
259	B 21 C	23/00
260	B 21 C	25/08
261	B 21 C	23/02
262, 263	B 21 C	23/00
264	B 21 C	23/04
265	B 21 C	23/20
266	B 21 C	25/06
267	B 21 C	23/18
268	B 21 C	25/02
269	B 21 C	25/04
270	B 21 C	33/00
271	B 21 C	31/00
272	B 21 C	27/00
273	B 21 C	25/00
		26/00
273.5	B 21 C	23/00
274, 275	B 21 C	1/00
276	B 21 C	3/06
277	B 21 C	1/00
278, 279	B 21 C	1/04
280	B 21 C	1/10
281, 282	B 21 C	1/04
283	B 21 C	1/24
284	B 21 C	1/26
285	B 21 C	3/12
286	B 21 C	9/00
287	B 21 C	1/28
288	B 21 C	1/12
289	B 21 C	1/02
290	B 21 C	1/14
291	B 21 C	1/30
292	B 21 D	31/00
293	B 21 D	1/00
		25/00
		25/04
294	B 21 D	43/28
295–298	B 21 D	11/02
299	B 21 D	11/14
300–303	B 21 D	11/02
304–307	B 21 D	11/04
308–310	B 21 D	5/04
311–315	B 21 D	11/04
316, 317	B 21 D	41/02
318–323	B 21 D	11/04
324	B 21 D	43/28
	B 21 K	27/06
325–331	B 21 D	31/02
332–341	B 21 D	28/00
342	B 21 D	37/16
343	B 21 D	22/00
344–346	B 21 D	45/00
		45/02
		45/04
		45/06
		45/08
		45/10
347–351	B 21 D	22/00
		22/21
352–361	B 21 D	22/00
362–364	B 21 D	31/00
365, 366	B 21 B	1/00
	B 21 D	47/01
	B 21 H	1/22
367	B 21 D	3/00
368	B 21 C	37/06
369	B 21 D	9/00
		9/04
370	B 21 B	17/02
371	B 21 D	11/14
		31/00
372–377	B 21 D	31/00
378	B 21 D	1/04
		31/00
379	B 21 C	37/02
380–383	B 21 D	5/02
384	B 21 D	17/02
385	B 21 D	13/02
386	B 21 D	9/14
387–391	B 21 D	9/05
		31/00
392, 393	B 21 D	41/02
394–403	B 21 D	41/00
	B 21 J	7/16
404, 405	B 21 J	11/00
406	B 21 J	7/20
407	B 21 D	7/06
408	B 21 D	37/00
409	B 21 D	9/08
		37/12
410	B 21 D	9/08
411	B 21 D	31/00
412	B 21 D	37/00
413	B 21 D	37/02
414, 415	B 21 D	17/02
416	B 21 D	37/10
417	B 21 D	43/02
418	B 21 D	7/06
419	B 21 D	43/00
420	B 21 J	13/10
421	B 21 D	43/02
		43/09
		43/13
422	B 21 D	43/10
		43/11
423	B 21 C	1/14
424	B 21 D	43/20
425	B 21 D	43/00
426, 427	B 21 D	45/00
		45/02
		45/04
428	B 21 D	43/16
429	B 21 J	
430	B 21 J	15/24
431	B 21 J	7/12
432–434	B 21 J	7/12
435–437	B 21 J	7/36
438	B 21 J	7/46
439	B 21 J	7/42
440	B 21 J	7/44
441–444	B 21 J	7/46

U.S. Subclass	IPC Subclass	Notation
U.S. Class 72—Con.		
445	B 21 J	7/20
446–448	B 21 J	13/00
449–452	B 21 J	9/18
453.01–453.19	B 21 J	9/18
454.	B 21 J	9/18
455	B 21 D	37/12
	B 21 J	13/04
456	B 21 D	37/10
	B 21 J	13/04
457–460	B 21 J	13/08
461	B 21 D	11/22
462	B 21 D	37/01
	B 21 J	13/00
463	B 21 D	37/18
464	B 21 C	3/02
465, 466	B 21 B	25/00
467	B 21 C	3/00
468	B 21 C	3/06
469	B 21 D	17/00
470–475	B 21 D	37/14
476	B 21 C	3/16
477	B 21 D	31/00
478–480	B 21 J	13/02
		13/03
481	B 21 D	37/04
482	B 21 D	37/00
483	B 21 C	3/06
706–711	B 21 C	1/00
U.S. Class 73a		
Measuring and testing		
(IPC G 01 M)		
1	G 01 C	17/38
		25/00
	G 01 K	15/00
		19/00
	G 01 L	25/00
		27/00
	G 01 W	1/18
2	G 01 C	17/38
		25/00
	G 01 K	15/00
		19/00
	G 01 L	25/00
		27/00
	G 01 W	1/18
3	G 01 F	25/00
4	G 01 L	27/00
5	G 03 B	43/00
6	G 04 B	17/00
7	G 01 N	3/56
		19/02
8	G 01 N	19/02
9, 10	G 01 N	3/56
		19/02
11	G 01 M	17/04
12–14	G 01 N	3/08
19	G 01 N	7/00
		33/497
23	G 01 N	31/00
23.1	G 01 N	30/02
24–30	G 01 N	31/00
32	G 01 N	9/00
35	G 01 L	23/22
	G 01 N	25/20
		33/22
36	G 01 M	3/20
	G 01 N	21/16
		21/64
37	G 01 M	3/02
37.5	G 01 B	13/08
37.6	G 01 B	13/04
37.7	G 01 B	13/04
37.8–37.9	G 01 M	3/02
38	G 01 N	15/08
39	G 01 M	3/02
40	G 01 M	3/04
40.5	G 01 M	3/08
40.7–45.8	G 01 M	3/04
46–49	G 01 M	3/08
49.1	G 01 M	3/08
49.2	G 01 M	3/04
49.3	G 01 M	3/34
49.4–49.6	G 01 M	3/04
49.8	G 01 M	3/04
52	G 01 M	3/00
53	G 01 N	11/00
		33/487
54	G 01 N	11/02
55	G 01 N	11/04
56	G 01 N	11/04
57	G 01 N	11/12
58	G 01 N	11/00
59	G 01 N	11/14
60	G 01 N	11/00
60.1	G 01 N	
61	G 01 N	15/00
61.1, 61.2	G 01 N	
61.3	G 01 N	25/00
61.4	G 01 N	31/02
		33/24
63	G 01 N	11/00
64	G 01 N	33/28
64.1	G 01 N	33/48
64.2	G 01 N	7/00
64.3	G 01 N	7/10
		13/04
64.4	G 01 N	13/02
65	G 01 M	1/12
66	G 01 M	1/00
73–76	G 01 N	5/02
		25/56
77	G 01 N	25/62
78	B 23 Q	17/20
	G 01 N	3/00
79	G 01 N	3/52
81	G 01 N	3/48
82	G 01 N	3/42
83	G 01 N	3/32
		3/44
84–85	G 01 N	3/00
86	G 01 N	17/00
87	G 01 N	17/00
104	B 23 Q	17/09
	G 01 N	19/02
105	G 01 B	5/28
112–115	G 01 L	3/26
	G 01 M	15/00
116–117.4	G 01 L	3/26
		5/13
	G 01 M	15/00
117	G 01 M	15/00
118	G 01 M	13/02
		19/00
119–120	G 01 M	15/00
121–132	G 01 L	5/28
146	E 01 C	23/00
	G 01 M	17/02
146.2–146.8	B 60 C	23/02
147	G 01 M	9/00
148	B 63 B	9/08
	G 01 M	10/00
149	G 01 F	17/00
150	G 01 B	21/08
	G 01 N	17/00
151	E 21 B	47/00
151.5	E 21 B	45/00
152	E 21 B	49/00
153	E 21 B	49/02
154	E 21 B	49/00
155	E 21 B	47/00
156	G 01 B	5/16
	G 07 C	
157	G 01 B	5/16
158–160	G 01 L	5/04
161	G 01 L	1/04
	G 01 N	3/26
162	G 01 M	13/02
163	G 07 F	3/02
164	F 21 L	23/00
	G 01 D	3/00
	G 01 M	19/00
167	G 01 L	5/14
168	G 01 M	19/00
169	G 01 N	7/20
		7/22
170	G 01 W	1/00
171	G 01 W	1/14
172	A 61 B	5/00
	G 01 M	19/00
178–187	G 01 C	21/00
188	G 01 W	1/00
189	G 01 W	1/02
195–197	G 01 F	7/00
198	G 01 F	15/02
199	G 01 F	15/02
		15/04
200	G 01 F	15/08
201	G 01 F	15/14
		15/18
202, 203	G 01 F	5/00
204	G 01 F	1/68
215, 216	G 01 F	1/20
217–226	G 01 F	3/24
		3/28
227	G 01 F	1/00
232–233	G 01 F	3/02
234	G 01 F	3/30
235, 236	G 01 F	3/32
237	G 01 F	3/34
238	G 01 F	3/32
239–251	G 01 F	3/14
252	G 01 F	3/06
253–257	G 01 F	3/08
258	G 01 F	3/12
259–261	G 01 F	3/04
262–271	G 01 F	3/20
272	G 01 F	15/00
273	G 01 F	15/14
274–276	G 01 F	15/00
277	G 01 F	15/10
278–281	G 01 F	15/00
290–295	G 01 F	23/00
296	G 01 F	23/20
297–304	G 01 F	23/00
305	G 01 F	23/30
		23/56
306–312	G 01 F	23/30
308.	G 01 F	23/10
313	G 01 F	23/36
		23/52
		23/60
314–316	G 01 F	23/30
317	G 01 F	23/32
318	G 01 F	23/30
319	G 01 F	23/56
320–322	G 01 F	23/30
322.5	G 01 F	23/76
323–334	G 01 F	23/02
335–337.5	G 01 W	
379	A 61 B	5/22
380	G 01 L	5/06
381	G 01 L	5/06
382, 383	G 01 M	1/12
384, 385	G 01 L	7/20
386, 387	G 01 L	7/12
426–429	G 01 F	19/00
430	G 01 D	11/10
431	G 01 D	11/24
	G 01 L	19/14
	G 01 P	1/02
432	G 01 F	15/14
	G 01 J	5/04
	G 01 K	1/08
	G 01 L	19/14
	G 01 N	7/00
		15/00
	G 01 P	1/02
433	G 01 N	9/02
434	G 01 N	9/06
435–436	G 01 N	9/00
437	G 01 N	9/10
438	G 01 N	9/12
439	G 01 N	9/28
440–454	G 01 N	9/00
455–459	G 01 M	1/00
460–467	G 01 M	1/16
468–470	G 01 M	1/16
471–487	G 01 M	1/168
488	G 01 P	15/00
489	G 01 P	15/00
490	G 01 P	17/00
491	G 01 P	15/00
492	G 01 P	15/04
493	G 01 P	1/02
494	G 01 P	1/02
495	G 01 P	15/00
496	G 01 P	17/00
497	G 01 P	3/00
498	G 01 L	9/00
499	G 01 P	3/00
500, 501	G 01 P	3/20
502	G 01 P	3/00
503	G 01 P	7/00
504	G 01 P	9/00
505	G 01 P	15/00
506	G 01 P	7/00
507	G 01 P	15/00
508	G 01 P	3/00
509	G 01 P	3/00
510–513	G 01 P	3/04
514–516	G 01 P	15/00
517	G 01 P	15/08
518	G 01 P	3/22
519	G 01 P	3/22
520	G 01 P	3/22
521–525	G 01 P	3/26
526–529	G 01 P	3/00
530–534	G 01 P	3/18
535	G 01 P	3/16
		15/02
536–551	G 01 P	15/02
570	G 01 H	17/00
	G 01 N	24/00
571	G 01 M	7/00
	G 01 N	29/00
572	G 01 H	1/00
		13/00
573	G 01 M	7/00
	G 01 N	3/48
		24/00
		29/00
574–575	G 01 H	1/00
	G 01 M	7/00
	G 01 N	29/00
577, 578	G 01 M	3/00
		7/00
	G 01 N	29/00
579	G 01 H	1/00
		9/00
		13/00
	G 01 L	1/00
	G 01 M	7/00
	G 01 N	3/32
		21/00
		24/00
		29/00
		11/04
580	G 01 G	3/16
		11/00
		11/04
	G 01 M	7/00
	G 01 N	29/00
581	G 01 H	13/00
582	G 01 H	13/00
	G 01 N	24/00
		29/04
583	G 01 H	1/00
584	C 21 B	7/24
	G 01 H	1/00
	G 01 N	3/32
		9/24
		29/00
		29/04
585	G 01 S	3/80
	A 61 B	1/22
		5/12
586	H 04 R	1/28
587	G 01 D	7/00
	G 01 H	1/00
	G 01 N	29/00
588	G 01 M	7/00
	G 01 N	29/04
589	G 01 N	29/00
590	G 01 H	3/00
	G 01 N	29/00
		29/04
591	G 01 N	29/00
592	G 01 K	10/00
	G 01 N	29/00
593	G 01 H	1/08
	G 01 M	13/02
		13/04
	G 01 N	29/00
594	G 01 M	7/00
	G 01 N	3/30
		29/00
595	G 01 M	7/00
596	G 01 N	9/04
	H 03 H	7/30
597	G 01 H	5/00
	G 01 K	11/00
	G 01 N	9/24
		24/00
		29/00
		29/02
		29/04
	G 01 S	9/66
		15/00
	G 01 V	1/28
598	G 01 N	24/04
		29/04
599	G 01 H	3/12
	G 01 N	9/24
		24/00
		29/00
	G 01 V	1/06
600	G 01 M	9/24
	G 01 N	29/02
		29/04
601	G 01 N	9/24
		29/00
		29/04
602	G 01 N	9/24
		21/00
		29/00
		29/04
603	G 01 N	29/04
	G 03 H	3/00
604	G 01 N	9/24
		29/00
605	G 01 N	29/04
606	G 01 N	9/24
		29/00
		29/04
607	A 61 B	10/00
	G 01 M	9/24
	G 01 N	29/04
608	G 01 N	29/04
609	G 01 B	17/02
	G 01 N	3/00
		9/24
		24/00
		29/00
		29/04
610	G 01 H	9/24
	G 01 N	23/20
		29/00
		29/04
611	G 01 N	9/24
		29/04
612	G 01 N	9/24
		29/00
		29/04
613	G 01 N	24/04
		29/04
614	G 01 N	9/24
		29/00
		29/04
615	G 01 B	17/02
	G 01 N	9/24
		29/00
		29/04
616	G 01 N	9/24
		29/00
617	G 01 B	17/00
	G 01 N	9/24
		29/04
618	G 01 N	29/04
619	G 01 N	9/24
		29/04
620	G 01 N	24/00
		29/00
		29/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 73a—Con.		
621	G 01 N	29/04
622	G 01 N	9/24
		29/00
623	A 61 B	5/04
	G 01 N	29/04
624	G 01 N	29/04
625	G 01 N	24/00
		29/00
		29/04
626	G 01 N	9/24
		29/00
		29/04
627	G 01 B	17/02
	G 01 N	9/24
		29/00
		29/04
628	G 01 N	24/04
		29/00
U.S. Class 73b Measuring and testing **(IPC H 01 M)**		
628	G 01 N	29/04
629	G 01 N	9/24
		17/00
		24/00
		24/04
		29/00
		29/04
	G 06 M	7/04
	H 01 J	29/89
630	G 01 N	29/00
631	G 01 N	29/00
		29/04
632	G 01 N	24/04
		29/00
633	G 01 B	15/00
	G 01 K	11/06
	G 01 N	9/24
		29/00
		29/04
634	G 01 N	9/24
		24/00
		29/00
		29/04
635	G 01 N	24/00
		29/04
636	G 01 N	29/04
637	G 01 M	29/00
	G 01 N	9/24
		29/04
638	G 01 N	29/00
		29/04
639, 640	G 01 N	9/24
		29/00
		29/04
641	G 01 N	29/00
		29/04
642	G 01 N	9/24
		29/00
		29/04
	H 04 R	17/00
643	G 01 N	9/24
		29/04
644	G 01 N	24/00
		24/04
		29/00
		29/04
645–648	G 01 C	3/08
	G 01 G	1/10
	G 01 H	1/00
		1/08
		3/10
		3/12
		3/14
		5/00
	G 01 K	11/00
		13/00
	G 01 L	11/00
	G 01 V	1/00
		13/00
	G 08 B	13/00
649	G 01 H	11/00
	G 01 N	29/00
650	G 01 O	9/00
	G 01 H	1/10
	G 01 N	29/00
651	G 01 O	21/00
652	G 01 N	1/00
	G 01 P	15/00
		15/02
	G 01 V	1/16
653	G 01 H	1/00
	G 01 P	1/07
654	G 01 H	1/00
		1/08
		11/06
	G 01 N	9/18
		29/00
	G 01 P	15/08
		15/12
655	G 01 O	5/32
	G 01 H	1/00
		9/00
	G 01 N	9/18
656	G 01 B	11/16
	G 01 H	9/00
	G 01 N	1/18
		25/00
657	G 01 B	9/02
	G 01 N	21/41
		29/04
658	G 01 O	
	G 01 H	11/06
	G 01 N	1/00
		9/18
		29/00
	G 01 R	9/04
659	G 01 O	7/00
	G 01 H	1/04
	G 01 M	7/00
	G 01 N	3/39
		23/16
		29/00
		33/00
660	G 01 O	
	G 01 H	1/00
		11/00
	G 01 M	1/22
		13/00
		24/00
	G 01 N	29/00
661	G 01 H	11/00
	G 01 N	9/18
662	G 01 M	3/32
		7/00
663	B 06 B	3/00
	G 01 N	29/00
664	G 01 M	7/00
	G 01 N	29/00
665	B 06 B	1/00
		1/12
	G 01 M	7/00
	G 01 N	3/32
		29/00
666	B 06 B	1/00
	G 01 M	7/00
667	B 06 B	1/00
		1/12
	G 01 M	7/00
	G 01 N	3/32
		29/00
668	G 01 N	29/00
	H 04 R	9/04
669	G 01 M	5/00
		7/00
		17/00
	G 01 N	3/32
		29/00
670	G 01 M	7/00
		17/00
671	B 06 B	1/06
	G 01 M	7/00
	G 01 N	29/00
672	G 01 M	13/04
700, 701	G 01 L	7/00
702–704	G 01 L	11/00
705	G 01 L	9/00
706–707	G 01 L	7/00
708	G 01 L	19/04
709–711	G 01 L	7/00
712	G 01 L	19/08
713	G 01 L	7/22
714	G 01 L	7/00
715	G 01 L	7/08
716	G 01 L	13/02
		15/00
717	G 01 L	9/00
718	G 01 L	9/12
719	G 01 L	9/02
720	G 01 L	9/04
721	G 01 L	9/06
722	G 01 L	9/10
		9/14
723	G 01 L	9/00
724	G 01 L	9/12
725	G 01 L	9/02
726	G 01 L	9/04
727	G 01 L	9/06
728	G 01 L	9/10
729	G 01 L	7/06
		9/14
730, 731	G 01 L	7/02
		7/10
732	G 01 L	7/04
733	G 01 L	9/00
734	G 01 L	9/02
		9/04
735	G 01 L	9/10
		9/14
736	G 01 L	13/02
		15/00
737	G 01 L	7/04
738	G 01 L	19/06
739	G 01 L	7/04
740	G 01 L	7/14
		19/02
741–743	G 01 L	7/04
744	G 01 L	7/16
745	G 01 L	9/00
746	G 01 L	9/02
747	G 01 L	7/18
748	G 01 L	7/20
749	G 01 L	9/00
750	G 01 L	9/02
751	G 01 L	7/24
752	G 01 L	21/04
753	G 01 L	9/00
754	G 01 L	9/00
		9/16
755	G 01 L	21/12
756	G 01 L	7/00
760	G 01 B	5/30
		7/16
	G 01 L	1/00
	G 01 N	3/00
761	F 16 B	31/02
762	G 01 B	11/20
		21/32
763–782	G 01 B	7/16
763	G 01 F	25/00
763–782	G 01 L	1/00
783	G 01 N	19/06
784, 785	G 01 B	5/00
		7/16
	G 01 L	1/00
	G 01 N	3/00
		33/24
786	G 01 M	5/00
787	G 01 O	1/00
788	G 01 N	3/00
		11/00
789–793	G 01 O	1/16
		7/02
794–798	G 01 N	3/00
799	G 01 N	19/08
		29/04
800	G 01 L	1/24
801	G 01 N	29/04
802	G 01 M	5/00
803	G 01 N	3/00
804	G 01 N	19/00
805–807	G 01 N	3/00
808–815	G 01 N	3/32
816, 817	G 01 N	3/00
818–821	G 01 N	3/08
822, 823	G 01 N	11/00
824	G 01 N	3/08
825	G 01 N	3/10
826–837	G 01 N	3/08
838–840	G 01 N	3/00
841–846	G 01 N	3/24
847, 848	G 01 N	3/22
		3/26
849–854	G 01 N	3/20
855	G 01 L	1/00
856–860	G 01 N	3/02
861	G 01 F	1/00
861.01–861.03	G 01 F	1/86
		15/02
861.04	G 01 F	1/74
861.05	G 01 F	1/708
	G 01 P	5/18
861.06	G 01 F	1/712
	G 01 P	5/22
		5/22
861.07	G 01 F	1/704
		9/14
	G 01 P	5/18
861.08	G 01 F	1/56
		7/10
		1/716
	G 01 P	5/08
861.09	G 01 F	1/56
		1/64
861.11–861.15	G 01 F	1/58
861.16, 861.17	G 01 F	1/60
861.18, 861.19	G 01 F	1/20
861.21	G 01 F	1/66
861.22–861.24	G 01 F	1/32
861.25–861.31	G 01 F	1/66
861.32–861.33	G 01 F	1/20
861.34	G 01 F	1/32
861.35–861.37	G 01 F	1/78
861.38	G 01 F	1/84
861.39	G 01 F	1/20
861.41	G 01 F	13/00
861.42	G 01 F	1/34
861.43	G 01 F	1/34
		15/07
861.44	G 01 F	1/34
		15/075
861.45	G 01 F	1/345
		15/075
861.46	G 01 F	1/375
		15/075
861.47, 861.48	G 01 F	1/385
861.49, 861.51	G 01 F	
861.52	G 01 F	1/375
861.53–861.55	G 01 F	1/225
		1/405
861.56	G 01 F	1/245
861.57–861:58	G 01 F	1/225
861.59	G 01 F	1/345
861.61–861.62	G 01 F	1/425
861.63–861.34	G 01 F	1/445
861.65–861.68	G 01 F	1/465
861.69	G 01 F	1/345
861.71–861.72	G 01 F	1/285
861.73	G 01 F	1/30
861.74–861.76	G 01 F	1/28
861.77	G 01 F	15/00
861.78	G 01 F	15/06
861.79	G 01 F	1/05
861.81, 861.82	G 01 F	1/08
861.83, 861.84	G 01 F	1/12
861.85	G 01 P	5/06
861.86	G 01 F	1/05
861.87	G 01 F	1/06
861.88	G 01 F	1/07
861.89–861.92	G 01 F	1/10
861.93	G 01 F	1/11
861.94	G 01 F	1/115
862	G 01 L	
862.01	G 01 L	5/00
862.02	G 01 L	5/03
862.03	G 01 L	5/13
862.04	G 01 O	7/02
	G 01 L	5/16
862.05	G 01 L	5/22
862.06	G 01 L	5/16
862.07	G 01 L	5/04
862.08	G 01 L	3/00
862.09, 862.11	G 01 L	3/16
862.12, 862.13	G 01 L	3/18
862.14–862.16	G 01 L	3/20
862.17–862.18	G 01 L	3/22
862.19	G 01 L	3/20
862.21, 862.22	B 25 B	23/14
	G 01 L	5/24
862.23, 862.24	B 25 B	23/14
	G 01 O	1/00
	G 01 L	5/24
862.25, 862.26	B 25 B	23/14
	G 01 L	5/24
862.27	G 01 O	9/00
862.28	G 01 L	5/24
862.29–862.36	G 01 L	3/02
862.37	G 01 L	3/14
862.38	G 01 L	1/00
862.39	G 01 L	5/04
862.41	G 01 L	5/10
862.42	G 01 L	5/04
862.43	A 63 B	51/00
	G 01 L	5/04
862.44–862.47	G 01 L	5/04
862.48	G 01 L	5/10
862.49	G 01 L	5/12
862.51	G 01 O	9/00
862.52	G 01 L	1/26
862.53	G 01 O	1/00
	G 01 L	1/06
862.54–862.56	G 01 L	5/00
862.57	G 01 L	5/13
862.58	G 01 L	1/02
862.59	G 01 L	1/10
862.61	G 01 L	1/08
862.62	G 01 L	1/04
862.63	G 01 O	3/04
862.64	G 01 L	1/14
		1/24
862.65–862.67	G 01 L	1/22
862.68	G 01 L	1/16
		1/18
		1/20
		1/25
862.69	G 01 L	1/12
		1/25
863	G 01 N	1/00
863.01–863.03	G 01 N	
863.11, 863.12	G 01 N	
863.21–863.25	G 01 N	
863.31	G 01 N	1/16
		1/26
863.32	B 01 L	3/02
863.33	G 01 N	1/16
		1/26
863.41–863.45	G 01 N	1/20
863.51–863.58	G 01 N	
863.61	G 01 N	
863.71–863.73	G 01 N	
863.81	G 01 N	
863.82	G 01 N	1/16
		1/26
863.83–863.84	G 01 N	1/14
863.85–863.86	G 01 N	1/00
863.91, 863.92	G 01 N	
864	G 01 N	
864.01–864.03	B 01 L	3/02
864.11–864.18	B 01 L	3/02
	G 01 N	1/14
864.21–864.25	B 01 L	3/02
	G 01 N	35/06
864.31	G 01 N	1/00
864.32	G 01 N	1/12
864.33	G 01 N	1/01
864.34, 864.35	G 01 N	1/14
		1/24
864.41–864.45	G 01 N	1/04
864.51	G 01 N	1/12
864.52	G 01 N	1/14
864.53	G 01 N	1/12
864.54	G 01 N	1/12
		1/14
864.55–864.59	G 01 N	1/12
864.61, 864.62	G 01 N	1/12
		1/14

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U.S. Class 73b—Con.		
864.63–864.67	G 01 N	1/12
864.71	G 01 N	1/04
864.72	G 01 N	1/12
864.73, 864.74	G 01 N	1/10
		1/22
864.81–864.87	G 01 N	1/00
		35/00
864.91	B 01 L	3/00
	G 01 N	37/00
U.S. Class 74		
Machine elements and mechanisms		
(IPC F 16 H)		
1	F 16 H	37/00
1.5	F 16 H	27/00
	G 04 B	15/00
2	B 23 Q	11/16
	F 16 H	5/40
	G 01 G	17/00
3	F 16 H	5/42
3.2	F 16 H	5/46
		33/14
3.5	F 16 H	5/74
3.52	F 16 H	3/74
3.54	F 16 H	5/74
3.56	F 16 H	5/74
4	F 16 H	5/40
5	G 01 C	19/02
5.1	G 01 C	19/24
5.12	G 01 C	19/24
5.14	G 01 C	19/24
5.2	G 01 C	19/04
5.22	G 01 C	19/02
5.34	G 01 C	19/02
5.37	G 01 C	19/06
5.4	G 01 C	19/54
5.41	G 01 C	19/30
		19/46
5.42	G 01 C	19/30
		19/46
5.43	G 01 C	19/30
		19/52
5.44, 5.45	G 01 C	19/30
		19/46
5.46	G 01 C	19/30
5.47	G 01 C	19/30
5.5	G 01 C	19/04
5.6	G 01 C	19/28
5.7	G 01 C	19/06
5.8	G 01 C	19/44
5.9	G 01 C	19/34
6–9	F 02 N	
10–10.9	F 16 H	35/18
11	F 16 H	37/00
12–15	F 16 H	37/00
15.2	F 16 H	37/00
15.4	F 16 H	37/00
15.6	F 16 H	37/00
15.63	F 16 H	37/00
15.66	F 16 H	37/00
15.69	F 16 H	37/00
15.8	F 16 H	37/00
15.82	F 16 H	37/00
15.84	F 16 H	37/00
15.86	F 16 H	37/00
15.88	F 16 H	37/00
		37/16
16	F 16 M	
17	F 16 H	37/00
17.5	F 16 H	57/06
17.8–18.2	F 16 J	15/50
20	F 16 H	21/00
		37/16
21	F 16 H	21/02
		27/00
		37/16
22	F 16 H	21/00
		25/08
		37/16
23	F 16 H	21/00
		25/08
		37/16
24	F 16 H	27/04
		37/16
25	F 16 H	21/16
		21/40
		21/50
		21/52
26	B 07 B	1/42
	F 16 H	21/16
		21/40
		21/50
		21/52
		33/20
27	F 16 H	21/02
		21/16
		21/40
		21/50
		21/52
28	F 16 H	21/02
		21/16
		21/40
		21/50
		21/52
29–35	F 16 H	19/04
		19/08
36	F 16 H	21/38
		27/00
		35/00
37	F 16 H	19/06
		37/00
38	F 16 H	21/26
39–41	F 16 H	21/32
42, 43	F 16 H	21/18
44	F 16 H	21/22
45–50	F 16 H	21/18
51	F 16 H	21/34
52	F 16 H	37/12
53–55	F 16 H	25/08
		25/16
56, 57	F 16 H	25/12
		25/16
58, 59	F 16 H	25/12
		25/18
60	F 16 H	23/00
61	F 16 H	33/00
62	F 16 H	25/08
		25/16
63	F 16 H	21/12
		21/48
		25/08
64	F 16 H	33/02
		33/08
65–69	F 16 H	21/14
		21/48
70	F 16 H	21/40
		21/52
71–73	F 16 H	21/40
		21/52
		27/04
		29/20
74	F 16 H	21/40
		21/52
		27/08
		29/20
75	F 16 H	21/40
		21/52
		27/04
		29/12
76–81	F 16 H	21/40
		21/52
		27/02
		29/20
82	F 16 C	1/02
	F 16 H	27/04
		29/12
83	F 16 H	27/04
		29/12
		33/08
84	F 16 H	27/04
86, 87	F 16 H	33/10
		37/00
88, 89	F 16 H	27/02
		29/02
89.1	F 16 H	27/02
		29/02
89.11	F 16 H	27/02
		29/02
89.12	F 16 H	27/02
		29/02
		29/20
89.13	F 16 H	27/02
		29/02
89.14	F 16 H	27/02
		29/02
		29/20
89.15	F 16 H	27/02
		29/02
		29/20
89.16	F 16 H	27/02
		29/02
89.17–21	F 16 H	27/02
		29/02
		29/20
89.22	F 16 H	27/02
		29/02
96–107	F 16 H	21/44
		21/54
		25/18
108	F 16 C	1/10
	F 16 H	21/44
		21/54
		25/18
109, 110	F 16 H	21/44
		21/54
		25/18
111, 112	F 16 H	27/00
		29/00
113	F 16 H	31/00
		33/04
		35/02
		43/04
114	F 16 H	31/00
		33/04
		35/02
		43/04
116	F 16 H	29/00
117	F 16 H	29/04
118	F 16 H	29/00
119	F 16 H	29/08
120, 121	F 16 H	29/20
122	F 16 H	29/00
123, 124	F 16 H	29/10
125	F 16 H	29/00
125.5	F 16 O	27/10
		29/00
126–136	F 16 H	27/02
		31/00
137–141	F 16 H	27/02
		31/00
141.5	F 16 H	27/02
		31/00
142, 143	F 16 H	27/02
		31/00
144	F 16 O	7/00
		11/00
		41/00
	F 16 H	27/00
		29/00
145–147	F 16 H	51/00
	G 05 G	
148	F 16 O	7/00
		11/00
		41/00
	F 16 H	27/10
149, 150	F 16 O	41/12
	F 16 H	27/00
		29/00
150	F 16 O	41/12
	F 16 H	27/00
		29/00
151–155	F 16 O	41/12
	F 16 H	27/00
		29/00
		31/00
156	F 16 H	51/00
	G 05 G	
157–159	F 16 H	27/00
		29/00
		31/00
	G 05 G	
160, 161	F 16 H	27/00
		29/00
		31/00
		53/00
162–166	F 16 O	41/20
	F 16 H	27/00
		29/00
		31/00
		55/32
167–169	F 16 H	29/20
		55/26
190	F 16 H	15/00
190.5	F 16 H	15/00
191	F 16 H	15/16
192	F 16 H	15/16
		15/42
193	F 16 H	15/16
194–197	F 16 H	15/08
198	F 16 H	15/26
199–201	F 16 H	15/08
202–205	F 16 H	15/00
206	F 16 H	13/02
207	F 16 H	13/10
208, 209	F 16 H	13/00
210	F 16 H	13/12
211–213	F 16 H	13/10
214–216	F 16 H	55/34
216.3	F 16 H	3/00
		11/00
318–324	F 16 H	19/00
325–331	F 16 H	3/08
332	F 16 H	3/04
333, 334	F 16 H	3/08
335	B 60 K	20/10
		20/12
		20/14
		20/16
	F 16 H	5/06
336	F 16 H	5/42
		5/60
336.5	F 16 H	5/46
337	F 16 H	5/52
337.5	F 16 H	5/06
339, 340	F 16 H	3/38
341–351	F 16 H	3/22
352–354	F 16 H	3/34
355	F 16 H	3/14
356–360	F 16 H	3/08
361	F 16 H	3/14
362–375	F 16 H	3/08
376–379	F 16 H	3/14
380–391	F 16 H	35/00
392–394	F 16 H	35/02
395	F 16 H	35/06
		35/08
396–399	F 16 H	35/06
400–403	F 16 H	35/08
404	F 16 H	57/00
404.5	F 16 H	57/00
405, 406	F 16 H	57/00
409	F 16 H	55/18
410, 411	F 16 H	57/00
411.5	F 16 H	57/10
412	F 16 H	1/02
413–415	F 16 H	1/06
		1/20
416	F 16 H	1/12
		1/20
417	F 16 H	1/14
		1/20
420	F 16 H	1/14
		1/20
421	F 16 H	1/12
		1/20
422	F 16 H	1/04
423, 424	F 16 H	1/14
		1/20
424.5–424.8	F 16 H	1/18
		1/20
425	F 16 H	1/16
		1/20
426, 427	F 16 H	1/16
		1/20
431–433	F 16 H	55/00
434–438	F 16 H	55/17
439	F 16 H	55/12
440, 441	F 16 H	55/18
443	F 16 H	55/14
444–451	F 16 H	55/12
457	F 16 H	55/08
		55/10
458	F 16 H	55/17
		55/22
459.5	F 16 H	55/17
460	F 16 H	55/17
461	F 16 H	55/14
462–466	F 16 H	55/06
		55/08
		55/10
467, 468	F 16 H	57/04
469, 470	G 05 G	1/00
471	G 05 G	9/00
		13/00
473–475	B 60 K	20/00
		20/02
		20/04
		20/06
		20/08
	G 05 G	9/00
		13/00
476	F 16 H	57/06
	G 05 G	9/00
		13/00
477	G 05 G	5/10
		9/00
		13/00
478	G 05 G	9/00
		13/00
478.5	G 05 G	9/00
		13/00
479–490	G 05 G	11/00
491	G 05 G	1/00
492	B 62 D	1/16
493	B 62 D	1/18
494	B 62 D	1/22
495	B 62 D	1/16
496–499	B 62 D	1/20
500–501	F 16 C	1/10
501.5	F 16 C	1/10
502	F 16 C	1/10
503	G 05 G	1/00
504–511	G 05 G	1/08
512–514	G 05 G	1/14
515	G 05 G	1/20
516–522	G 05 G	1/04
522.5	G 05 G	1/04
523–526	G 05 G	1/04
527–542	G 05 G	5/06
543	G 05 G	1/10
544–551	G 05 G	1/00
551.1	B 62 K	21/12
551.2	B 62 K	21/14
551.3	B 62 K	21/16
551.4	B 62 K	21/16
551.5	B 62 K	21/16
551.6	B 62 K	21/16
551.7	B 62 K	21/16
551.8	B 62 K	21/12
551.9	B 62 K	21/26
552	B 62 D	1/04
	G 05 G	1/10
553–556	G 05 G	1/10
557, 558	B 62 D	1/06
	G 05 G	1/10
558.5	G 05 G	1/04
		1/10
559	G 05 G	1/10
		11/04
560, 561	G 05 G	1/14
562	G 05 G	1/16
562.5	G 05 G	1/16
563	G 05 G	1/16
564	G 05 G	1/18
565, 566	G 05 G	1/00
567, 568	F 16 H	53/00
569	F 16 H	53/06
570–572	G 05 G	1/00
		3/00
573	F 16 F	15/22

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U.S. Class 74—Con.		
574	F 16 F	15/10
575–578	G D5 G	1/00
		3/00
579	G D5 G	1/00
580–594	G D5 G	1/00
		3/00
594.1–594.7	G D5 G	1/14
595	F 16 C	3/04
606, 607	F 16 H	57/02
608, 609	F 16 P	1/00
	G D5 G	25/00
612–617	F 16 P	1/00
	G D5 G	25/00
625, 626	F 16 H	
643	F 16 H	33/00
		35/00
		37/00
645	F 16 H	47/00
650	F 16 H	35/04
655	F 16 H	47/00
660	F 16 H	1/28
661	F 16 H	37/06
664, 665	F 16 H	37/06
670	F 16 H	37/06
674	F 16 H	37/06
675	F 16 H	37/06
677	F 16 H	47/04
		47/08
679	F 16 H	37/00
681, 682	F 16 H	37/06
686	F 16 H	37/06
687	F 16 H	47/04
688	F 16 H	47/08
689	F 16 H	37/00
690, 691	F 16 H	37/06
694, 695	F 16 H	37/08
700, 701	F 16 H	37/08
705	F 16 H	37/06
710	F 16 H	1/38
710.5	F 16 H	1/44
711	F 16 H	1/44
713	F 16 H	1/40
714	F 16 H	1/42
715	F 16 H	1/38
718	F 16 H	47/00
720	F 16 H	47/00
720.5	F 16 H	37/06
721	F 16 H	37/06
724	F 16 H	37/06
730–733	F 16 H	47/00
740	F 16 H	37/00
745	F 16 H	3/02
750	F 16 H	3/44
751	F 16 H	3/74
752	F 16 H	3/74
753	F 16 H	3/44
		57/10
754	F 16 H	3/44
		57/10
755	F 16 H	15/56
		57/10
756–770	F 16 H	57/10
772	F 16 H	15/56
		57/10
773–794	F 16 H	3/44
		57/10
796	F 16 H	15/50
797	F 16 H	1/28
798	F 16 H	13/06
799	F 16 H	1/30
800–804	F 16 H	1/28
805	F 16 H	1/28
810	F 16 H	5/52
812	F 16 H	5/52
813–827	B 23 B	29/24
	B 23 Q	16/00
		16/02
		17/00
		17/22
		17/24
828–839	F 16 H	35/08
840	F 16 H	35/00
841, 842	F 16 H	35/00
843–879	B 6D K	

U.S. Subclass	IPC Subclass	IPC Notation
		41/04
		41/06
		41/08
		41/10
		41/12
		41/14
		41/16
		41/18
	F D2 D	
	G D5 G	

U.S. Class 75

Metallurgy

(IPC C 22 B)

.5	B 22 F	
	C 21 C	
	C 22 B	
	C 22 C	1/04
1	C 22 B	1/00
2	B D3 D	
	C 22 B	1/00
3	C 22 B	1/08
4	C 22 B	1/24
		1/245
5	C 22 B	1/16
6	C 22 B	1/11
		1/12
7	C 22 B	1/02
8	C 22 B	1/04
9	C 22 B	1/10
10	C 22 B	4/00
11–13	C 21 C	5/52
14	C 22 B	4/04
20	C 21 B	
	C 21 C	
	C 22 B	5/02
21–23	C 21 B	
	C 22 B	
24	C 21 B	3/04
	C 22 B	7/04
25	C 21 B	3/04
	C 22 B	7/02
26	C 22 B	1/10
27	C 21 B	15/02
	C 22 B	5/00
28	C 21 B	
	C 21 C	
29	C 21 B	
30	C 21 B	3/04
		5/04
	C 21 C	5/54
31	C 21 B	
32	C 21 C	3/00
33–39	C 21 B	13/00
		15/00
40	C 21 B	11/00
41–42	C 21 B	5/00
43	C 21 C	
43, 44	C 22 B	1/248
44, 45	C 21 C	7/00
47	C 21 C	3/00
48–61	C 21 C	7/00
62	C 22 B	
	C 22 C	
63	C 22 B	7/00
64	C 22 B	25/06
65	C 22 B	
66	C 22 B	26/10
67	C 22 B	26/20
68	C 22 B	21/00
69	C 22 B	30/02
70	C 22 B	30/06
71	C 22 B	17/00
72–76	C 22 B	15/00
77	C 22 B	13/00
78–79	C 22 B	13/06
80	C 22 B	47/00
81	C 22 B	43/00
82	C 22 B	23/00
83	C 22 B	11/00
84	C 22 B	
		34/00
84.1	C 22 B	60/02

U.S. Subclass	IPC Subclass	IPC Notation
84.4–84.5	C 22 B	
85	C 22 B	25/00
86	C 22 B	
87	C 22 B	19/20
88	C 22 B	19/04
89	C 22 B	5/02
90	C 22 B	9/14
91	C 22 B	5/12
92	C 22 B	5/02
93	C 22 B	9/00
95	C 22 B	9/00
96	C 22 B	9/00
97	C 22 B	
98	C 22 B	25/06
99	C 22 B	7/00
100	C 22 B	11/00
101–116	C 22 B	3/00
117	C 22 B	15/00
118	C 22 B	11/00
119	C 22 B	23/00
120	C 22 B	13/00
		19/00
121	C 22 B	
122.1	C 22 C	29/00
		30/00
122.5	C 22 C	43/00
122.7	C 22 C	43/00
123	C 22 C	33/00
124	C 22 C	38/06
125	C 22 C	38/16
126	C 22 C	38/18
128	C 22 C	38/40
129	C 22 C	33/00
		35/00
130	C 22 C	33/08
130.5	C 22 C	33/00
132	C 22 C	33/00
		39/54
133	C 22 B	5/00
	C 22 C	33/00
133.5	C 22 C	33/00
228, 229	B 22 F	1/00
		3/00
	C 22 C	1/00
		31/00
230, 231	C 22 C	29/00
232–235	C 22 C	29/12
236	C 22 C	29/02
237	C 22 C	29/06
238	C 22 C	29/04
239	C 22 C	29/02
240	C 22 C	29/08
241, 242	C 22 C	29/02
243	C 22 C	29/00
244	C 22 C	29/14
		29/16
251–255	B 22 F	1/00
		1/02
256	B 22 F	1/00
		3/00
950, 951	C 22 B	1/24

U.S. Class 76

Metal tools and implements, making

(IPC B 23 D)

1	B 21 K	
	B 23 D	
2, 3	B 21 K	5/02
4	B 21 K	5/20
5	B 21 H	3/10
	B 21 K	5/02
6	B 21 K	5/14
7–9	B 21 K	11/10
10	B 21 K	5/16
11	B 21 K	5/18
12–23	B 23 D	73/00
24	B 23 D	73/04
25	B 23 D	63/00
26, 27	B 23 D	63/18
28, 29	B 23 D	65/02
30–36	B 23 D	63/08
37–45	B 23 D	63/12
46–48	B 23 D	63/08

U.S. Subclass	IPC Subclass	IPC Notation
49	B 23 D	63/06
50	B 23 D	63/12
51–57	B 23 D	63/06
58–62	B 23 D	63/04
63, 64	B 23 D	63/02
65–73	B 23 D	63/04
74–80	B 23 D	63/00
81	B 24 D	15/00
81.1–81.8	B 24 D	15/00
82	B 21 K	5/12
		11/00
82.1	B 21 K	19/00
82.2	B 21 D	53/04
	B 21 K	11/06
83	B 21 K	17/00
84	B 21 K	11/02
85–87	B 21 H	1/02
	B 21 K	19/00
88, 89	B 21 K	5/12
89.1	B 21 K	11/00
89.2	B 21 K	5/12
		11/00
101	B 21 K	21/00
102	B 21 K	5/02
103	B 21 H	7/06
	B 21 K	11/10
104	B 21 K	11/00
105	B 21 D	53/62
	B 21 K	11/04
106	B 21 K	21/00
107	B 21 K	5/20
108	B 21 K	5/02
109	B 21 H	7/04
	B 21 K	11/00
110	B 21 K	13/00
111	B 21 D	53/63
	B 21 H	7/08
	B 21 K	11/14
112	B 23 D	63/00
113	B 21 D	53/66
	B 21 H	7/02
	B 21 K	11/12
114	B 21 K	5/16

U.S. Class 79

Button making

(IPC B 29 D)

1, 2	A 44 B	1/06
3	A 44 B	1/00
	B 21 B	53/48
4, 5	D D4 D	7/04
6–10	B 29 D	19/04
11, 14	B 29 D	19/08
15, 16	B 29 D	19/04
18	B 29 D	19/00

U.S. Class 81

Tools

(IPC B 25 B)

1–3	B 25 B	
	B 25 F	5/00
3	B 25 B	31/00
		33/00
3.05	B 25 B	27/00
3.1	B 67 B	7/44
3.2	B 67 B	7/08
3.3	B 67 B	7/36
3.31–3.33	B 67 B	7/36
3.34–3.36	B 67 B	7/00
3.37	B 67 B	7/32
3.38–3.49	B 67 B	7/00
3.5, 3.6	B 25 B	
3.7	B 23 P	17/00
3.8	B 25 B	27/14
4	B 25 B	9/00
5.1	B 25 B	7/00
6	G D4 D	3/00
7	B 23 P	5/00
	G D4 D	3/04
7.5	G D4 D	3/00
8	B 23 P	5/00
	G 04 D	3/04
8.1	B 25 B	
9.1	B 25 B	
9.2	B 41 B	1/00
9.21	B 43 M	17/00
9.22	B 43 K	5/00
9.3	B 25 B	27/10
9.5–9.51	H D2 G	1/12
10	B 25 B	27/00
13	B 25 B	9/00
15.2	B 6D C	25/16
15.3	B 6D C	25/14
15.4–15.7	B 6D C	25/16
15.8	B 6D C	27/06
43	B 25 B	9/02
53–54	B 25 B	13/00
		21/00
53.1	B 25 B	23/16
53.2	B 25 B	13/50
55	B 25 B	
56–57.5	B 25 B	17/00
57.11–57.14	B 25 B	17/00
		21/00
57.15–57.21	B 25 B	17/00
57.22, 57.23	B 25 B	17/00
		23/02
		23/04
		23/06
57.24, 57.25	B 25 B	17/00
		29/00
57.26, 57.31	B 25 B	17/00
57.32	B 25 B	13/00
57.33–57.35	B 25 B	13/50
57.36	B 25 B	13/00
57.37	B 25 B	23/02
		23/04
		23/06
57.38	B 25 B	29/02
57.39	B 25 B	13/46
57.4, 57.41	B 25 B	29/00
57.42–57.46	B 25 B	13/00
58–59.1	B 25 B	13/00
60–63.2	B 25 B	13/46
64–70	B 25 B	13/52
73	B 25 B	13/00
74–76	B 25 B	13/48
77	B 25 B	13/10
90	B 25 B	13/00
		13/02
		13/56
91–104	B 25 B	13/28
105	B 25 B	13/30
106	B 25 B	13/28
107, 108	B 25 B	13/30
109–112	B 25 B	13/28
113, 114	B 25 B	13/30
		13/32
115, 116	B 25 B	13/32
117	B 25 B	13/28
118	B 25 B	13/30
119	B 25 B	13/02
120	B 25 B	13/04
121	B 25 B	13/06
122, 123	B 25 B	13/06
		13/48
	G 04 D	3/00
124.1, 125	B 25 B	13/02
125.1	B 25 B	13/00
126–127	B 25 B	13/12
128	B 25 B	13/18
129	B 25 B	13/12
130, 131	B 25 B	13/14
132	B 25 B	13/14
		13/34
133–140	B 25 B	13/14
141	B 25 B	13/18
142–145	B 25 B	13/14
146–149	B 25 B	13/18
		13/24
150, 151	B 25 B	13/12
		13/34
152–154	B 25 B	13/12
155	B 25 B	13/16
156–176	B 25 B	13/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 81—Con.		
177–177.9	B 25 B	13/00
	B 25 G	1/00
		1/12
178	B 25 B	13/10
179	B 25 B	13/12
180–185	B 25 B	13/58
186	B 25 B	13/00
300, 301	B 25 B	7/00
302	B 25 B	7/12
303–313	B 25 B	7/02
314	B 25 B	7/04
315–328	B 25 B	7/14
329	B 25 B	7/02
330	B 25 B	7/04
331–340	B 25 B	7/14
341	B 25 B	7/04
342	B 25 B	7/12
343–344	B 25 B	7/04
		7/12
345–355	B 25 B	7/12
356, 357	B 25 B	7/04
		7/12
358–364	B 25 B	7/12
365	B 25 B	7/04
366–384	B 25 B	7/12
385–414	B 25 B	7/04
415	B 25 B	7/02
416	B 25 B	7/06
417–428	B 25 B	7/02
429	B 25 B	23/00
430–435	B 25 B	23/04
		23/06
436	B 25 B	13/48
		15/00
		23/00
437	B 25 F	1/00
438–440	B 25 B	23/00
441–449	B 25 B	23/08
		23/10
450	B 25 B	23/00
451–458	B 25 B	23/08
		23/10
459–462	B 25 B	23/00
463–466	B 25 B	19/00
		21/00
467	B 25 B	23/14
468	B 25 B	23/145
469, 470	B 25 B	23/151
471	B 25 B	23/153
472	B 25 B	23/155
473–476	B 25 B	23/157
477–483	B 25 B	23/159
478	B 25 B	23/142
479	B 25 B	23/144
U.S. Class 82 Turning **(IPC B 23 B)**		
1	B 23 B	3/00
1.1	B 23 B	17/00
1.2	B 23 B	41/00
		41/00
1.3	B 23 B	41/04
		41/04
1.4, 1.5	B 23 B	41/06
		41/06
2	B 23 B	3/00
		7/00
		9/00
2.5, 2.7	B 23 B	13/00
		15/00
3	B 23 B	3/34
4	B 23 B	3/22
		5/04
5, 5.5	B 23 B	1/00
6	B 23 B	3/02
7	B 23 B	5/00
8	B 23 B	5/28
9, 10	B 23 B	5/18
11, 12	B 23 B	3/28
13	B 23 B	3/22
		3/28
14	B 23 B	3/28
15, 16	B 23 B	5/36
17	B 23 B	3/36
18, 19	B 23 B	3/28
20	B 23 B	5/00
21–27	B 23 B	21/00
28–30	B 23 B	19/02
31	B 23 B	23/00
32	B 23 B	17/00
33	B 23 B	23/02
		23/04
34	B 23 B	3/36
35–37	B 23 B	29/00
38, 39	B 23 G	25/00
40–42	B 23 B	33/00
43, 44	B 23 B	25/00
45	B 23 B	23/02
		23/04
46	B 23 B	5/14
47	B 23 B	1/00
48	B 23 B	7/00
49–53	B 23 B	37/00
54–58	B 23 B	3/06
59–102	B 23 B	3/04
		5/14
U.S. Class 83 Cutting **(IPC B 26 D)**		
13	B 26 D	1/00
		3/00
14	B 26 D	7/08
15, 16	B 26 D	7/10
17–21	B 26 D	7/14
22	B 26 D	7/08
23–29	B 26 D	7/06
30	B 26 F	1/24
31–36	B 26 D	1/00
		3/00
37, 38	B 23 D	25/02
	B 26 D	1/56
39–56	B 26 D	3/00
57, 58	B 26 D	5/00
59	B 26 D	5/10
60–62	B 26 D	5/00
62.1	B 27 B	5/28
		13/00
63	B 26 D	5/20
		5/40
64–67	B 26 D	5/20
68	B 26 D	5/10
69, 70	B 26 D	5/00
71	B 26 D	5/30
72–75	B 23 Q	15/00
	B 26 D	5/00
76	B 26 D	5/20
		5/40
77	B 26 D	7/00
78–92	B 26 D	7/06
92.1	B 23 D	19/00
		45/00
	B 23 Q	7/00
93–102	B 26 D	7/06
102.1	B 23 D	19/00
		45/00
	B 27 B	5/06
		5/28
103–155	B 26 D	7/06
155.1	B 23 Q	7/00
	B 27 B	5/02
		13/00
156–166	B 26 D	7/06
167	B 26 D	7/00
168, 169	B 26 D	7/08
170, 171	B 26 D	7/10
174	B 26 D	7/08
174.1	B 23 D	19/00
		45/00
	B 26 F	7/12
175, 176	B 26 D	7/14
177	B 26 F	3/00
178–195	B 23 D	21/14
196–200	B 26 D	1/00
200.1	B 26 D	1/48
202–210	B 26 D	5/20
211, 212	B 26 D	5/28
212.1	B 23 D	1/38
		1/40
		1/42
		11/00
213–283	B 26 D	5/20
284	B 23 D	25/02
	B 26 D	1/56
285–298	B 23 D	25/16
	B 26 D	1/56
299–307	B 26 D	1/56
307.1, 307.2	B 23 D	25/02
307.3	B 23 D	19/00
		25/02
	B 26 D	1/56
308–314	B 23 D	25/02
	B 26 D	1/56
315–317	B 23 D	25/06
	B 26 D	1/56
318–320	B 23 D	25/04
	B 26 D	1/56
321–342	B 23 D	25/02
	B 26 D	1/56
343–348	B 23 D	25/12
	B 26 D	1/56
349	B 23 D	25/02
	B 26 D	1/56
350, 351	B 26 D	5/20
352	B 26 D	5/26
353–357	B 26 D	5/20
358	B 23 D	36/00
	B 26 D	5/00
359	B 26 D	5/08
360–369	B 26 D	5/00
370–372	B 26 D	5/38
373, 374	B 26 D	5/00
375–390	B 26 D	5/42
391–400	B 26 D	5/00
401–403	B 26 D	7/06
403.1	B 26 D	5/00
	B 27 B	5/18
		19/12
		25/02
		29/04
404	B 26 D	7/06
404.1, 404.2	B 26 D	5/00
	B 27 B	5/00
404.3	B 26 D	1/44
		7/20
		7/26
404.4	B 26 D	5/00
	B 27 B	5/00
		25/02
405, 406	B 26 D	7/06
406.1	B 26 D	1/44
		7/20
407, 409	B 26 D	7/06
409.1	B 23 D	19/00
		45/00
	B 27 B	5/02
		5/18
		13/00
410–425	B 26 D	7/06
425.1	B D2 C	11/04
		23/02
	B 26 D	1/44
		7/20
		7/26
425.2–435	B 26 D	7/06
435.1	B 26 D	7/06
	B 27 B	5/18
435.2	B 26 D	7/06
	B 27 B	5/28
		13/00
436–440	B 26 D	7/06
440.1	B 23 D	19/00
	B 26 D	1/14
		7/06
440.2	B 26 D	7/06
	B 27 B	5/28
441	B 26 D	7/06
441.1	B 26 D	7/06
	B 27 B	11/02
		11/04
		13/10
442–450	B 26 D	7/06
451–465	B 26 D	7/02
466	B 26 D	7/02
		7/04
466.1	B 26 D	7/02
469	B 23 D	19/00
	B 26 D	1/14
471	B 23 D	19/00
		33/02
	B 26 D	1/14
471.1	B 23 D	19/00
	B 26 D	1/14
	B 27 B	5/00
471.2, 471.3	B 23 D	19/00
	B 26 D	1/14
	B 27 B	5/00
		5/18
		27/06
472–477	B 23 D	19/00
		33/02
477.1	B 23 D	19/00
	B 26 D	1/14
	B 27 B	5/00
		5/34
477.2	B 23 D	19/00
	B 26 D	1/18
	B 27 B	5/28
		27/04
478–482	B 23 D	19/00
	B 26 D	1/14
483–490	B 23 D	19/00
	B 26 D	1/18
491–494	B 23 D	19/00
	B 26 D	1/14
495–504	B 23 D	19/04
	B 26 D	1/24
505, 506	B 23 D	19/04
	B 26 D	1/22
507	B 23 D	19/04
	B 26 D	1/24
508	B 23 D	19/02
	B 26 D	1/20
508.1, 508.2	B 23 D	19/00
	B 26 D	1/14
	B 27 B	5/00
508.3	B 26 D	1/14
	B 27 B	5/00
		5/34
509–512	B 26 D	1/02
513, 514	B 26 D	11/00
515–518	B 26 D	9/00
519	B 26 D	11/00
520, 521	B 26 D	7/00
522	B 26 D	7/27
		7/28
523–581	B 26 D	5/08
581.1	B 26 D	5/00
	B 27 B	19/10
582–601	B 26 D	5/08
602	B 26 D	5/16
603	B 26 D	5/08
604	B 26 D	5/18
605–627	B 26 D	5/08
628	B 26 D	5/16
629	B 26 D	5/08
630	B 26 D	5/18
631	B 26 D	5/08
632	B 26 D	5/14
633–638	B 26 D	5/08
639	B 26 D	5/12
640–647.5	B 26 D	5/08
648–650	B 26 D	7/00
651	B 26 D	1/00
651.1	B 26 D	1/44
		7/20
652–657	B 26 F	1/46
658, 659	B 26 D	7/20
660	B 26 F	1/24
661	B 26 D	1/46
662	B 26 D	1/00
663–672	B 26 D	1/12
673–676	B 23 D	35/00
	B 26 D	1/12
677–678	B 26 D	1/12
679, 680	B 26 D	1/00
681, 682	B 26 D	1/14
683	B 26 F	1/12
684–691	B 26 F	1/14
692, 693	B 26 D	1/12
694–701	B 26 D	1/00
703	B 23 D	19/00
	B 26 D	7/06
	B 27 B	5/18
704	B 26 D	7/06
	B 27 B	5/02
		5/16
705	B 26 D	7/06
	B 27 B	5/02
706	B 26 D	7/06
	B 27 B	5/02
		5/18
707	B 26 D	7/06
	B 27 B	5/02
		29/04
		31/04
708	B 27 B	29/02
		31/04
	2 65 D	7/06
709	B 26 D	7/06
	B 27 B	29/02
		31/02
710	B 26 D	7/06
	B 27 B	31/02
		31/04
711	B 26 D	7/06
	B 27 B	29/02
		31/02
		31/04
712	B 26 D	7/06
	B 27 B	31/02
		31/04
713	B 26 D	7/06
	B 27 B	31/04
714–716	B 26 D	7/06
	B 27 B	29/04
717	B 23 D	19/00
		45/00
	B 26 D	1/44
		7/06
	B 27 B	31/04
718–720	B 23 D	19/00
		45/00
	B 26 D	7/06
	B 27 B	29/08
721	B 26 D	1/46
		7/06
	B 27 B	29/02
		29/08
722–727	B 26 D	7/06
	B 27 B	29/08
728	B 26 D	7/06
	B 27 B	5/18
		29/08
729	B 23 D	19/00
		45/00
	B 26 D	7/06
730	B 23 D	19/00
		45/00
	B 26 D	7/06
	B 27 B	5/18
		29/08
731	B 26 D	7/06
	B 27 B	3/00
		29/04
732	B 26 D	7/06
	B 27 B	3/00
733	B 26 D	7/06
	B 27 B	3/00
734	B 23 Q	3/16
	B 26 D	5/20
	B 27 B	5/28
		29/02
743	B 26 D	5/00
	B 27 B	5/00
		11/00
744	B 26 D	5/00
	B 27 B	11/00
745	B 26 D	5/00
	B 27 B	3/00
		5/18

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 83—Con.		
		17/00
		21/00
746	B 23 D	7/00
	B 27 B	19/00
747	B 26 D	7/00
	B 27 B	3/00
		19/10
748	B 26 D	7/00
	B 27 B	3/00
749	B 26 D	7/00
	B 27 B	5/28
		11/00
		15/06
750	B 26 D	7/00
	B 27 B	11/00
		15/06
		19/10
751	B 23 D	19/00
		45/00
	B 26 D	7/00
	B 27 B	3/00
752	B 26 D	7/00
	B 27 B	11/00
		19/10
753	B 26 D	7/00
	B 27 B	19/10
754	B 23 D	45/00
	B 26 D	7/00
	B 27 B	3/00
		11/00
		23/00
755	B 26 D	7/00
	B 27 B	11/00
		21/00
756	B 26 D	5/08
		7/00
	B 27 B	11/00
757	B 23 Q	45/00
	B 26 D	7/00
	B 27 B	3/00
		23/00
758	B 26 D	7/00
	B 27 B	11/00
		21/00
759	B 02 C	11/04
		23/02
	B 26 D	7/00
	B 27 B	11/00
760	B 26 Q	7/00
	B 27 B	11/00
		21/00
761	B 26 D	1/54
		7/00
		7/22
	B 27 B	11/00
		21/00
762	B 26 Q	1/54
		7/22
	B 27 B	11/00
		19/00
		21/00
763	B 26 D	1/54
		7/22
	B 27 B	21/00
764	B 26 Q	1/54
		7/22
	B 27 B	3/00
765	B 26 Q	1/54
		7/22
	B 27 B	21/00
766	B 27 B	13/00
		21/00
767	B 26 D	1/54
		7/22
	B 27 B	21/00
		27/06
768	B 27 B	3/00
		19/02
769–774	B 26 D	7/00
	B 27 B	11/00
775	B 27 B	11/00
776	B 27 B	11/00
		19/12
777	B 27 B	19/10
		19/12
778	B 27 B	11/00
		19/12
779	B 27 B	11/00
780	B 26 D	7/06
	B 27 B	3/00
		19/10
		19/12
		29/02
		31/04
781	B 27 B	3/00
		19/10
782	B 27 B	5/00
		19/02
		19/10
783	B 27 B	3/00
		11/08
		19/10
784	B 27 B	3/00
		19/10
785	B 27 B	19/10
786	B 27 B	11/00
788, 789	B 23 D	53/00
		55/00
	B 27 B	13/00
790	B 23 D	53/00
		55/00
	B 27 B	13/00
792	B 26 D	1/46
	B 27 B	15/02
793	B 23 Q	53/00
		55/00
	B 27 B	13/00
		15/06
794	B 23 D	53/00
		55/00
	B 27 B	5/00
		13/00
		15/06
795	B 23 D	53/00
		55/00
	B 27 B	17/00
796	B 26 D	11/46
	B 27 B	5/28
		13/04
		15/02
		17/00
797	B 26 D	1/46
	B 27 B	13/00
		13/04
		15/02
		17/00
798	B 23 Q	53/00
		55/00
	B 26 Q	1/46
	B 27 B	15/02
		17/00
799	B 23 D	53/00
		55/00
	B 26 D	1/46
	B 27 B	17/00
800	B 23 D	53/00
		55/00
	B 26 D	1/46
	B 27 B	15/02
801	B 23 D	53/00
		55/00
	B 26 D	1/46
	B 27 B	17/00
802	B 23 Q	53/00
		55/00
	B 26 Q	1/46
	B 27 B	13/00
		15/02
803	B 26 D	1/46
	B 27 B	13/00
804	B 26 D	1/48
		1/50
		1/54
	B 27 B	15/08
805	B 26 D	1/46
	B 27 B	13/00
		15/08
806	B 26 D	1/48
		1/50
		1/54
	B 27 B	13/00
		15/08
807	B 23 D	1/46
	B 26 D	1/48
		1/50
		1/54
808	B 23 D	53/00
		55/00
	B 26 D	1/46
	B 27 B	13/00
		13/14
809–811	B 26 D	1/46
	B 27 B	13/00
		13/14
812	B 26 D	1/46
	B 27 B	13/00
		13/04
813	B 26 D	1/46
	B 27 B	13/00
		15/02
814	B 23 Q	53/00
		55/00
	B 26 D	1/46
	B 27 B	5/28
		13/00
815	B 23 D	53/00
		55/00
	B 26 D	1/46
	B 27 B	13/00
		13/14
816	B 26 Q	1/46
	B 27 B	13/00
		15/08
817–820	B 26 Q	1/46
	B 27 B	13/00
821, 822	B 26 Q	5/00
	B 27 B	11/02
823	B 26 Q	5/00
	B 27 B	3/00
		11/02
824	B 26 Q	5/00
	B 27 B	11/02
		17/00
825–828	B 26 D	5/00
	B 27 B	11/02
		13/10
829	B 26 D	1/46
		5/00
	B 27 B	11/02
830–834	B 26 D	1/46
	B 27 B	33/02
		33/14
835	B 23 Q	57/00
	B 27 B	13/02
		33/14
836	B 23 Q	57/00
		59/00
	B 27 B	33/02
		33/12
837	B 23 Q	57/00
	B 27 B	33/02
		33/12
838, 839	B 23 D	57/00
	B 27 B	33/02
840–845	B 23 Q	57/00
	B 27 B	33/02
		33/12
846–855	B 23 Q	57/00
	B 27 B	33/02
856–857	B 26 D	1/02
858	B 02 C	11/04
	B 26 D	1/02
859	B 26 D	1/00
	B 27 B	3/00
860	B 27 B	5/28
		13/00
861	B 26 D	3/00
862–865	B 26 D	11/00
866–868	B 26 F	1/24
869	B 26 D	3/02
870–874	B 26 D	4/00
	B 26 F	1/18
875–878	B 26 D	3/06
879–887	B 26 D	3/08
	B 31 B	1/25

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 84		
Music		
(IPC G 10 D)		
1	G 10 D 0	
1.01	G 10 D H	1/00
1.02	G 11 B	31/00
1.03	G 10 F	1/00
1.04–1.16	G 10 D H	3/00
1.17–1.18	G 10 D H	3/06
1.19	G 10 D H	1/02
1.2	G 10 D H	1/02
1.21	G 10 D H	1/02
1.22–1.23	G 10 D H	1/06
1.24	G 10 D H	1/02
1.25	G 10 D H	1/04
1.26	G 10 D H	1/02
1.27	G 10 D H	1/02
1.28	G 10 D H	3/03
2	G 10 F	1/22
3	G 10 F	1/22
4–5	G 11 B	31/02
6	G 10 F	1/22
7	G 10 F	1/16
8	G 10 F	1/20
9	G 10 F	1/20
10–11	G 10 F	1/18
12	G 10 F	1/00
13	G 10 F	1/02
14–15	G 10 F	1/04
16–20	G 10 F	1/02
21–72	G 10 F	1/02
73–82	G 10 F	1/02
83–85	G 10 F	1/12
86	G 10 F	1/14
87–92	G 10 F	1/12
93–101	G 10 F	1/06
102–104	G 10 F	1/08
105–114	G 10 F	3/00
115	G 10 F	5/00
116–121	G 10 F	5/00
122–145	G 10 F	5/06
146–166	G 10 F	5/04
167–169	G 10 F	5/00
170–171	G 10 Q	15/00
172	G 10 C	5/00
173	G 10 D	1/00
174–176	G 10 C	1/00
177–183	G 10 C	3/02
184–186	G 10 C	3/04
187	G 10 C	3/06
188	G 10 C	3/08
189–195	G 10 C	3/06
196–199	G 10 C	3/08
200–208	G 10 C	3/10
209–214	G 10 C	3/04
215–220	G 10 C	3/00
221–224	G 10 C	3/18
225–233	G 10 C	3/26
234	G 10 C	3/00
235	G 10 C	3/30
236–243	G 10 C	3/18
244–245	G 10 C	3/20
246	G 10 C	3/20
247–255	G 10 C	3/18
256–257	G 10 C	1/00
258	G 10 C	1/06
263	G 10 D	1/00
264–266	G 10 D	1/04
267	G 10 D	1/08
268	G 10 D	1/06
269	G 10 Q	1/10
270–273	G 10 C	1/10
274–283	G 10 Q	1/02
284	G 10 Q	1/00
285–289	G 10 D	1/12
290–293	G 10 D	3/00
294–296	G 10 D	3/02
297	G 10 Q	3/00
298	G 10 Q	3/04
299	G 10 D	3/00
300–303	G 10 D	3/12
304–306	G 10 Q	3/14
307–310	G 10 D	3/04
311	G 10 D	3/04
312	G 10 Q	3/14
313	G 10 Q	3/00
314	G 10 D	3/06
315–319	G 10 Q	3/00
320–325	G 10 D	3/16
326	G 10 D	3/08
327	G 10 D	3/00
	G 10 G	5/00
328	G 10 D	3/18
329	G 10 D	3/00
330	G 10 D	7/00
331	G 10 B	1/00
332–345	G 10 B	3/10
346	G 10 B	3/16
347	G 10 B	3/16
348	G 10 B	3/18
349–350	G 10 B	3/08
351–352	G 10 B	1/08
353	G 10 B	3/14
354	G 10 B	1/08
355–358	G 10 B	3/02
359–364	G 10 B	3/00
365–371	G 10 B	3/10
372	G 10 B	3/16
373	G 10 B	3/10
374	G 10 B	3/18
375–376	G 10 D	11/00
377–379	G 10 D	7/12
380	G 10 D	7/00
381	G 10 D	7/00
382	G 10 Q	7/06
383	G 10 Q	9/02
384	G 10 Q	7/02
385	G 10 Q	7/08
386	G 10 D	9/00
387	G 10 D	7/10
388	G 10 Q	7/10
389–394	G 10 Q	9/04
395–397	G 10 Q	7/10
398–399	G 10 Q	9/02
400	G 10 Q	9/06
401	G 10 Q	7/10
402–410	G 10 Q	13/08
411–418	G 10 Q	13/02
419	G 10 Q	13/04
420–421	G 10 D	13/02
422	G 10 Q	13/00
423–451	G 10 C	3/12
452	G 10 Q	3/00
453	G 10 G	
454–457	G 10 G	7/02
458–460	G 10 G	7/00
461	G 10 G	3/00
462	G 10 G	3/04
463	G 10 G	3/00
464	A 63 J	17/00
465–469	G 09 B	15/06
470	G 09 B	15/00
471–477	G 09 B	15/02
478–482	G 09 B	15/08
483–485	G 10 B	15/00
486–521	G 10 G	7/00

U.S. Class 86

Ammunition and explosive-charge making

(IPC F 42 B)

1	C 06 B	21/00
	F 42 B	33/10
10	F 42 B	3/00
		5/02
		33/00
11–12	F 42 B	7/02
		33/00
17	F 42 B	33/14
19	F 42 B	31/02
20	C 06 Q	1/08
	F 42 B	3/00
21	C 06 D	1/08
	F 42 B	3/20
	F 42 Q	1/08
22	C 06 D	1/08
	F 42 B	3/10

U.S. Class 86—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	F 42 D	1/08
23–31	F 42 B	33/02
24	F 42 B	33/00
		35/02
32	F 42 B	33/04
33	F 42 B	33/02
36–38	F 42 B	33/10
39–41	F 42 B	33/12
42–43	F 42 B	11/02
44	F 42 B	3/00
		5/26
45–46	F 42 B	33/00
47	F 42 B	37/00
48	F 42 B	39/10

U.S. Class 87

Textiles, braiding, netting and lacemaking

(IPC D 04 C)

1	D 06 P	7/00
2	D 04 C	1/02
3, 4	D 04 C	1/00
		1/06
5–11	D 04 C	1/00
12	D 04 G	
13	D 04 C	1/00
14–15	D 04 C	3/32
16	D 04 C	3/24
17	D 04 C	3/28
18, 19	D 04 C	3/38
20–22	D 04 C	3/24
		3/48
23	D 06 P	7/00
24–27	D 04 C	5/00
25	D 04 C	5/00
28	D 04 C	3/08
29	D 04 C	3/12
30	D 04 C	3/08
31	D 04 C	3/48
32	D 04 C	
33–35	D 04 C	
35	D 04 C	3/00
36	D 04 C	3/34
37, 38	D 04 C	3/24
39, 40	D 04 C	3/28
41	D 04 C	3/00
42	D 04 C	3/06
43	D 04 C	3/04
44–48	D 04 C	
49	D 04 C	3/48
50, 51	D 04 C	3/02
53	D 04 G	
54	D 04 C	3/48
55–57	D 04 C	3/14
58–60	D 04 C	7/00
61	D 04 C	
62	D 04 C	3/36

U.S. Class 89

Ordnance

(IPC F 41 F)

1, 1.5	F 41 F	5/00
		5/02
1.7–1.706	F 41 F	3/02
		15/00
1.8	F 41 F	3/04
1.8–1.804	F 41 F	3/04
		9/00
		9/06
1.8–1.805	F 41 F	3/04
		9/00
1.8–1.808	F 41 F	3/04
1.8–1.81	F 41 F	3/00
		3/04
1.811	F 41 F	3/04
	F 42 C	15/06
1.812	F 41 F	3/04
	F 42 C	15/06
1.813–1.818	F 41 F	3/04
1.819	F 41 F	5/00
		7/00
4–4.5	F 41 D	5/00
5	F 41 F	3/08
		3/10
6–6.5	F 42 C	17/00
7	F 41 F	
8	F 41 F	1/00
9–13	F 41 D	7/00
14	F 41 F	17/00
14.1	F 41 F	17/00
		17/14
15, 16	F 41 F	17/08
17	F 41 D	11/06
	F 41 F	11/00
18	F 41 F	11/02
		11/04
19–21	F 41 F	11/07
22–26	F 41 F	11/02
		11/04
27	F 41 F	13/00
28	F 41 F	13/08
29–31	F 41 F	17/06
33	F 41 C	9/22
		25/00
	F 41 D	10/00
34	F 41 C	25/00
	F 42 D	9/00
35	F 42 D	39/08
36	F 41 H	5/00
		5/12
		5/16
37	F 41 D	11/24
	F 41 F	23/00
37.5	F 41 D	11/22
		11/26
38	F 41 F	23/02
		23/04
39	F 41 F	23/02
40	F 41 F	3/18
		23/00
41	F 41 G	
42	F 41 F	5/18
		19/00
43	F 41 F	19/02
44	F 41 F	19/06
45	F 41 D	10/00
	F 41 F	9/00
	F 42 B	
46	F 41 F	9/00
		9/04
47	F 41 F	9/00
		17/16
125	F 41 D	3/00
		7/00
126	F 41 D	7/04
127, 128	F 41 D	7/00
		11/00
129–132	F 41 D	
133	F 41 D	11/22
134–138	F 41 D	
139–147	F 41 C	5/00
148–179	F 41 D	
180	F 41 D	3/00
181	F 41 D	
182	F 41 D	3/04
183–188	F 41 D	
189	F 41 D	3/02
190	F 41 D	
191	F 41 D	5/04
192	F 41 D	
193	F 41 D	5/08
194–199	F 41 D	

U.S. Class 91

Motors, expansible chamber type

(IPC F 04 B)

1	F 01 B	25/26
		31/12
2	F 15 B	11/15
		13/00
3	F 15 B	13/02
4	F 15 B	21/04
5	F 15 B	21/00
6–8	F 01 B	25/02
6.5	F 01 B	1/00
		3/00
		13/04
9	F 01 B	29/04
10	F 01 B	25/04
11	F 01 B	29/04
12–15	F 01 L	29/06
16	F 01 B	25/02
17	F 01 B	25/06
18	F 01 B	25/04
19–21	F 01 B	25/02
22–27	F 15 B	15/22
28–33	F 15 B	13/04
34	F 01 B	29/04
35–40	F 15 B	21/02
41–45	F 15 B	15/26
46	F 01 B	31/10
47–49	F 15 B	13/02
50	F 01 L	15/02
51, 52	F 15 B	13/02
53	F 02 N	7/00
54	F 01 B	29/04
55	F 01 B	23/00
59	F 01 C	21/12
61	F 01 B	13/00
151	F 01 B	1/00
	F 04 B	19/14
152–156	F 01 B	1/00
157, 158	F 01 L	15/14
159–166	F 01 B	1/00
167–168	F 15 B	11/18
169	F 01 B	7/20
170	F 01 B	1/00
		7/00
171	F 01 B	25/04
	F 15 B	11/22
172	F 01 B	1/00
173	F 01 B	7/20
174	F 01 B	1/08
176	F 01 B	15/00
177	F 01 C	9/00
178	F 01 L	15/00
179	F 01 L	33/04
180	F 01 L	33/02
181	F 01 B	7/04
182	F 01 L	15/00
		33/00
183	F 01 B	1/00
184	F 01 L	21/02
185	F 01 L	15/00
		33/00
186	F 01 B	1/00
187	F 01 L	31/00
188–195	F 01 L	15/00
		33/00
196	F 01 B	15/00
197	F 01 B	13/00
206–209	F 01 B	15/00
210	F 01 B	15/04
211–215	F 01 B	15/06
216	F 01 B	15/00
217	F 01 B	15/02
218	F 01 L	15/00
		21/00
219	F 01 L	31/00
220	F 01 B	25/04
221	F 01 B	25/06
222	F 01 L	21/04
223	F 01 C	9/00
224	F 01 L	15/12
225	F 01 L	25/04
226	F 01 L	21/04
227	F 01 L	21/02
228, 229	F 01 L	21/04
230, 231	F 01 B	1/00
232–234	F 01 L	21/02
235	F 01 B	7/18
236	F 01 L	15/00
237, 238	F 01 L	15/14
239	F 01 L	15/00
240	F 01 L	25/02
241, 242	F 01 L	25/04
243	F 01 L	21/02
244	F 01 L	15/14
245	F 01 L	1/20
246	F 01 L	15/14
247	F 01 L	31/00
248	F 01 L	25/08
249–253	F 01 L	31/00
254	F 01 L	31/02
255, 256	F 01 L	31/00
257	F 01 L	31/18
258, 259	F 01 L	31/00
260	F 01 L	31/02
261	F 01 L	31/06
262	F 01 L	31/16
263	F 01 L	25/02
264, 265	F 01 L	15/14
266	F 01 C	9/00
267, 268	F 01 L	15/14
269	F 01 L	31/02
270	F 01 L	33/02
		33/04
271–273	F 01 L	15/16
274	F 01 L	31/00
275	F 01 L	25/08
276	F 01 L	17/00
277	F 01 L	31/00
278	F 01 L	25/02
279	F 01 L	31/00
280–289	F 01 L	25/02
290–302	F 01 L	25/04
303–320	F 01 L	25/02
321	F 01 B	7/18
322	F 01 L	31/00
323	F 01 L	15/16
324	F 01 L	15/14
325	F 01 L	21/02
326	F 01 L	19/00
327	F 01 L	33/00
328, 329	F 01 L	15/18
330–332	F 01 L	31/00
333	F 01 B	25/06
334	F 01 L	29/00
335	F 01 L	15/14
336	F 01 B	25/06
337	F 01 L	31/08
338	F 01 L	31/02
339, 340	F 01 C	9/00
341–343	F 01 L	23/00
344–347	F 01 L	31/02
348	F 01 L	31/00
349	F 01 L	31/18
350, 351	F 01 L	31/00
352	F 01 L	31/18
353, 354	F 01 L	31/00
355, 356	F 15 B	11/15
357	F 15 B	9/02
358, 359	F 15 B	13/16
360	F 15 B	20/00
361, 362	F 15 B	13/16
363	F 15 B	9/03
		9/09
364–367	F 15 B	13/16
368–380	F 15 B	9/10
381	F 15 B	9/12
382–384	F 15 B	9/10
385–390	F 15 B	13/16
391	F 15 B	13/10
392	F 15 B	15/20
393	F 15 B	21/10
394–396	F 15 B	15/22
397, 398	F 15 B	13/04
399–402	F 15 B	15/22
403, 404	F 15 B	13/04
405–409	F 15 B	15/22
410	F 15 B	13/04
415–417	F 15 B	15/17
418–432	F 15 B	11/08
		13/04
433	F 15 B	11/10
434	F 15 B	13/14
435	F 15 B	11/04
436–458	F 15 B	11/08
		13/04
442	F 01 B	3/00
459	F 15 B	13/044
460	F 15 B	17/02
461–470	F 15 B	11/08
		13/04
471	F 01 B	
	F 04 C	
	F 15 B	
472	F 01 B	13/04
473–490	F 01 B	1/00
		3/00
		13/04
491–498	F 01 B	1/06
		13/06
499–507	F 01 B	3/00
		13/04
508–536	F 15 B	11/00
		13/00

U.S. Class 92

Expansible chamber devices

(IPC F 01 B)

1	F 15 B	21/04
2	F 01 B	21/00
3	F 04 B	17/00
5	F 01 B	25/26
		31/12
6, 7	F 01 B	31/00
8–12	F 15 B	15/22
12.1	F 01 B	1/06
		13/06
12.2	F 01 B	3/00
		13/04
13	F 01 B	9/02
13–13.1	F 01 B	31/14
	F 15 B	15/24
13.2	F 01 B	19/00
		31/14
	F 15 B	15/24
13.3–13.8	F 01 B	31/14
	F 15 B	15/24
14	F 15 B	15/22
15–28	F 15 B	15/26
29	F 01 B	9/00
30	F 16 J	1/00
31–33	F 01 B	3/00
34–47	F 01 B	19/00
	F 16 J	3/00
48–50	F 01 B	19/00
51–53	F 01 B	7/20
54, 55	F 01 B	13/00
56, 57	F 01 B	13/04
58	F 01 B	13/06
58.1	F 01 B	31/00
59	F 01 B	29/04
60	F 01 B	31/14
60.5	F 01 B	31/14
61	F 01 B	1/02
62, 63	F 01 B	7/00
64	F 01 B	21/02
65	F 01 B	7/10
66	F 01 B	15/00
67	F 01 C	9/00
68	F 01 B	7/04
69	F 01 B	7/02
70, 71	F 01 B	3/00
72	F 01 B	1/00
73, 74	F 01 B	1/02
75	F 01 B	7/02
76	F 01 B	1/00
77	F 01 B	29/00
78–83	F 15 B	21/04
84	F 16 J	1/10
85	F 01 B	11/02
86, 87	F 01 B	31/00
86.5	F 01 B	31/00
88	F 01 B	29/00
89–105	F 01 B	19/00
	F 16 J	3/00
106–111	F 01 B	31/00
112–115	F 01 B	3/00
116	F 16 J	1/10
117	F 01 B	15/02
118, 119	F 01 B	15/04
120–125	F 01 C	9/00

U.S. Class 92—Con.

U.S. Subclass	IPC Subclass	IPC Notation
126, 127	F 01 B	31/00
128	F 01 B	29/00
129	F 16 J	1/10
130–135	F 01 B	31/00
136–140	F 01 B	9/00
141	F 04 B	21/04
142	F 01 B	31/00
143	F 01 B	29/00
144	F 01 B	31/08
145	F 01 B	23/00
146, 147	F 01 B	1/00
148	F 01 B	1/06
149	F 01 B	1/04
150–152	F 01 B	7/00
153–160	F 01 B	31/10
161	F 01 B	29/00
161.5	F 01 B	29/00
162–164	F 01 B	31/00
165–168	F 16 J	15/18
169, 170	F 01 B	11/02
171	F 16 J	10/00
172	F 16 J	1/00
173, 174	F 01 B	31/00
175	F 16 J	1/00
176	F 01 B	31/08
177	F 16 J	1/00
178	F 16 J	1/02
181–185	F 01 B	31/00
186	F 01 B	31/08
187–191	F 16 J	1/14
192	F 16 J	9/00
193–207	F 16 J	1/06
208–239	F 16 J	1/04
240–246	F 16 J	9/00
247	F 16 J	9/08
248–254	F 16 J	9/00
255–260	F 16 J	1/00
261	F 02 F	7/00

U.S. Class 98

Ventilation

(IPC F 24 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 24 F	
1.5	B 64 O	13/00
2	B 60 H	1/00
		1/34
2.01	B 60 H	1/00
	E 04 H	14/00
2.03	A 47 C	7/74
	B 60 H	1/00
2.04	B 60 H	1/00
	B 60 S	1/58
2.05	B 60 H	1/00
2.06, 2.07	B 60 H	1/10
2.08	B 60 H	1/03
		1/14
2.09, 2.10	B 60 H	1/00
	B 60 S	1/54
2.11	B 60 H	1/32
		3/00
2.12, 2.13	B 60 J	1/20
2.14, 2.15	B 60 H	1/26
2.16, 2.17	B 60 H	1/28
2.18, 2.19	B 60 H	1/24
3–24	B 60 L	
25–28	B 60 J	1/20
29–31	F 24 F	7/00
32–35	F 24 F	13/00
36	F 24 F	9/00
37–43	F 24 F	7/00
		13/00
44	E 06 B	7/04
45–48	E 04 F	17/04
	F 23 J	13/00
49	E 21 F	
50	E 21 F	1/00
		3/00
51	A 47 J	47/00
52	A 01 F	25/00
	E 04 H	7/22
53	B 63 B	25/02
54–55	E 04 H	7/00
		7/22
56, 57	A 01 F	25/00
	E 04 H	7/22
58	E 04 F	17/02
	F 23 L	17/02
59	F 23 L	17/02
60	F 23 L	17/02
61	F 23 L	17/02
62, 63	F 23 L	17/04
64–75	F 23 L	17/02
76, 77	F 23 L	17/06
78–86	F 23 L	17/02
87–100	E 06 B	7/02
101–114	F 24 F	13/00
115	B 05 B	15/12
	F 23 J	11/00
116	F 04 D	25/08
		25/14
117	F 23 L	13/00
		17/00
118	F 24 F	13/00
119, 120	F 23 L	17/00
121	F 24 F	13/08
122	F 23 L	17/02

U.S. Class 99

Foods and beverages

(IPC A 23 L)

U.S. Subclass	IPC Subclass	IPC Notation
275	A 23 F	
	A 23 L	1/00
	C 12	
276	C 12	
277	C 12 F	
	C 12 G	
277.1–277.2	C 12 F	
	C 12 G	
	C 12 H	1/22
278	C 12 B	
	C 12 C	
279–322	A 23 F	
	A 47 J	31/00
323	A 47 G	19/14
	A 47 J	31/00
323.1–323.3	A 23 F	3/00
323.1, 323.2	A 23 L	2/26
	B 01 F	3/04
323.3	A 23 F	3/00
		5/00
323.4–323.12	A 23 L	1/18
324–326	A 23	
	A 47 J	27/00
327–328	A 23	
	A 47 J	27/62
329–330	A 23	
	A 47 J	27/00
331–333	A 23	
	A 47 J	27/62
334–335	A 23	
	A 47 J	
336	A 47 J	29/02
		31/12
337–344	A 23	
	A 47 J	
345–347	A 47 J	27/52
		37/10
348–357	A 23	
	A 47 J	
358	H 05 B	
359–371	A 23 L	3/00
372–377	A 47 J	
378	H 05 B	
379–384	A 47 J	
385–402	A 47 J	37/08
	H 05 B	
403–418	A 47 J	37/12
419–421	A 47 J	37/04
422–425	A 47 J	37/10
426–442	A 22 C	7/00
	A 23 P	1/00
	A 47 J	43/18
443	A 23 L	3/00
444–446	A 47 J	27/00
447–450	A 47 J	
450.1–450.5	A 21 C	9/04
	A 23 P	1/00
450.6–450.8	A 21 C	9/06
451	A 23 C	3/07
	A 23 L	3/26
		3/28
		3/30
		3/32
452	A 01 J	11/00
	A 23 C	1/00
453	A 23 C	3/02
454	A 23 C	1/00
455	A 23 C	3/04
456	A 01 J	11/00
457	A 01 J	17/00
458	A 01 J	11/06
459	A 01 J	15/00
460	A 01 J	11/00
461	A 01 J	11/00
		15/00
462–464	A 01 J	15/02
465	A 01 J	11/06
		15/02
466	A 01 J	15/02
		15/04
		15/06
467	A 01 J	11/04
		13/00
		15/14
468	A 01 J	11/00
469	A 23 F	3/12
	A 23 L	3/00
	A 47 J	31/00
470–472	A 23 B	
473	A 23 B	
	B 65 G	55/00
474	A 23 B	4/04
	B 60 H	3/00
475–482	A 23 B	4/04
	B 60 H	3/00
483	A 23 C	3/02
		9/02
		13/04
		15/04
484	A 23 B	
485	A 23 L	
486	B 02 C	25/00
	B 23 Q	15/00
487	A 23 L	
	B 02 C	25/00
	B 08 B	3/00
488	B 02 C	25/00
	B 08 B	3/00
489–493	B 02 C	25/00
	B 23 Q	15/00
494	A 23 B	4/02
495	A 23 B	5/00
	A 23 N	1/00
	A 47 J	43/14
497–499	A 23 B	5/00
	A 23 J	1/09
	A 23 N	1/00
	A 47 J	43/14
500	A 23 J	1/09
	A 23 N	1/00
	A 47 J	43/14
501	A 23 J	1/00
	A 23 N	1/00
	A 47 J	43/14
502–504	A 23 N	1/00
	A 47 J	43/14
505–508	A 23 N	1/00
	A 47 J	43/14
509	A 23 N	1/00
	A 47 J	43/14
	B 26 D	1/00
510	A 23 N	1/00
	B 02 C	15/00
	B 26 D	1/00
511	A 23 N	1/00
	B 02 C	15/00
	B 04 B	5/10
	B 26 D	1/00
512, 513	A 23 N	1/00
	B 02 C	15/00
	B 04 B	5/10
514	A 23 N	15/02
	A 47 J	23/00
515	A 23 N	4/00
516–517	A 23 B	4/08
		4/12
		4/14
518	B 02 B	1/04
		3/12
519–523	B 02 B	1/04
		1/06
		3/12
524	B 02 B	1/04
		1/06
		3/14
		7/02
525	B 02 B	1/04
		1/06
		3/12
	B 02 C	11/08
526	B 02 B	1/00
		3/12
	B 02 C	11/08
527	B 02 B	1/00
		3/12
	B 02 C	11/08
528	B 02 B	3/12
		5/02
		17/02
	B 02 C	11/08
529–531	B 02 B	3/12
	B 02 C	11/08
532, 533	B 02 B	3/12
		23/00
	B 02 C	11/08
534–536	B 02 B	3/12
	B 02 C	11/08
537	A 23 N	
	A 47 J	17/00
538	A 23 N	
		23/00
	A 47 J	23/00
		25/00
539–541	A 23 N	7/08
	A 47 J	17/00
542	A 23 N	3/00
		7/08
	A 47 J	17/00
		25/00
543	A 23 N	7/08
	A 47 J	17/00
		27/00
	B 26 D	11/00
544	A 23 N	7/08
	A 47 J	25/00
545	A 23 N	3/00
	A 47 J	25/00
	B 26 D	11/00
546	A 23 N	15/02
		15/04
	A 47 J	21/00
547	A 23 N	4/12
	A 47 J	23/00
548	A 23 N	3/04
		3/06
		4/12
549–551	A 23 N	4/12
	A 47 J	25/00
552–556	A 23 N	4/12
		4/22
	A 47 J	25/00
557–561	A 23 N	4/12
	A 47 J	25/00
562–566	A 23 N	4/12
		4/24
	A 47 J	25/00
567	A 23 N	
	A 47 J	17/00
568	A 23 N	5/00
	A 47 J	17/00
569	A 23 N	5/00
	A 47 J	43/00
	B 07 B	1/00
		13/00
		15/00
570	A 23 N	5/00
	B 07 B	4/00
		7/00
		9/00
		11/00
571	A 23 N	5/06
	A 47 J	43/00
572, 573	A 23 N	5/00
	A 47 J	43/00
574, 575	A 23 N	5/04
	A 47 J	43/00
576	A 23 N	5/00
	A 47 J	43/00
	B 27 B	5/00
577–581	A 23 N	5/00
	A 47 J	43/00
582, 583	A 23 N	5/00
584–591	A 23 N	7/00
	A 47 J	17/00
592	A 23 N	7/08
	A 47 J	17/00
593	A 23 N	7/00
	A 47 J	17/18
594–599	A 23 N	7/00
	A 47 J	17/16
600	B 02 B	3/00
601–604	B 02 B	3/00
		5/02
	B 07 B	1/00
605–607	B 02 B	3/00
		5/02
	B 07 B	1/06
608	B 02 B	3/08
		5/02
	B 07 B	1/06
609–611	B 02 B	3/00
		7/02
612–616	B 02 B	3/00
617–621	B 02 B	3/02
		3/04
		3/08
622	B 02 B	3/02
623	A 23 N	7/00
	A 47 J	17/00
624, 625	A 23 N	7/00
	A 47 J	17/16
626, 627	A 23 N	7/00
	A 47 J	17/20
628–630	A 23 N	7/00
	A 47 J	17/00
631	A 23 N	7/00
	A 47 J	17/18
632–634	A 23 N	7/00
	A 47 J	17/00
635, 636	A 23 N	15/02
		15/04
	A 47 J	21/00
637–643	A 23 N	15/02
	A 47 J	21/00
644, 645	A 23 N	15/00
	A 47 J	43/00
646	A 23 P	1/00

U.S. Class 100

Presses

(IPC B 65 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 B	13/00
2, 3	B 65 B	13/02
4	B 65 B	57/10
	G 05 D	15/00
5	B 65 B	63/04
6, 7	B 65 B	13/00
8	A 01 F	15/14
	B 30 B	9/30
9	B 65 B	13/30
10	B 65 B	13/16
11	B 65 B	13/18
12	B 65 B	27/06
13	B 65 B	13/10
14	B 65 B	13/00
15, 16	B 65 B	13/02
17	B 65 B	13/18
18	B 65 B	13/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 100—Con.		
19	B 65 B	13/06
20–22	B 65 B	13/08
23	B 65 B	13/24
24	B 65 B	13/04
25	B 65 B	13/04
		13/06
26	B 65 B	13/04
27, 28	B 65 B	13/10
29, 30	B 65 B	13/24
31	B 65 B	13/28
32	B 65 B	13/22
33	B 65 B	13/34
34	B 65 B	13/18
35	B 30 B	13/00
36	A 01 J	25/12
37	A 47 J	19/02
	B 30 B	9/02
38	B 30 B	15/34
39, 40	B 30 B	13/00
41	B 30 B	11/22
42	B 30 B	7/04
43	B 30 B	15/26
44	B 30 B	15/14
		15/16
45	B 30 B	15/30
46	B 30 B	15/24
47–50	B 30 B	15/14
		15/16
51	B 30 B	15/14
52	B 30 B	15/16
53	B 30 B	15/14
		15/16
	B 67 B	3/26
54	B 65 B	7/28
	B 67 B	
55	B 65 B	43/42
56	B 67 B	3/22
57	B 65 B	1/00
58	B 67 B	1/08
59	B 65 B	7/28
60	B 67 B	3/08
61–64	B 67 B	3/02
65	A 01 F	25/16
	B 65 G	3/04
66	A 01 F	25/18
67–69	B 65 G	3/04
70	B 30 B	9/00
71–73	B 30 B	15/30
74	B 30 B	15/20
75	B 30 B	15/30
76, 77	B 30 B	9/00
	B 31 O	5/02
78	B 30 B	9/28
79	B 30 B	15/08
80	B 30 B	9/00
	B 31 O	5/02
		5/04
81, 82	B 30 B	9/00
83	B 30 B	3/00
84	B 30 B	15/30
85	B 30 B	9/00
		15/00
86	B 30 B	3/04
87	B 30 B	5/04
		9/00
88	B 30 B	5/06
		9/00
89	B 30 B	3/04
90	B 30 B	9/00
91	B 02 C	
	B 30 B	9/00
92	B 02 C	11/08
	B 30 B	15/34
	F 26 B	17/18
93	B 02 C	11/08
	B 30 B	15/34
94–96	B 30 B	9/00
97	B 30 B	15/08
98	B 30 B	9/00
99	B 30 B	15/00
	G 01	
	G 08	
100	B 30 B	15/00
101	A 23 P	1/00
102, 103	B 30 B	
104–109	B 30 B	9/02
110–116	B 30 B	9/06
117	B 30 B	9/12
		9/14
		9/16
		9/18
118–120	B 30 B	9/24
121	B 30 B	9/20
122, 123	B 30 B	9/06
124	B 30 B	9/26
125	B 30 B	9/02
126	B 30 B	9/04
127–129	B 30 B	9/06
130	B 30 B	9/26
131–135	B 30 B	9/02
		15/00
136	F 16 P	1/02
137–139	B 30 B	7/00
140–142	B 30 B	15/20
143	B 30 B	7/02
144	B 30 B	
145	B 30 B	3/00
146	B 30 B	3/04
147–149	B 30 B	15/00
150	B 30 B	3/02
151, 152	B 30 B	5/04
153	B 30 B	3/00
154	B 30 B	5/04
155	B 30 B	3/00
156	B 30 B	3/02
157	B 30 B	3/06
158–176	B 30 B	3/04
177, 178	B 30 B	5/00
179–193	B 30 B	1/00
194–202	B 30 B	7/02
203–205	B 30 B	7/00
206	B 30 B	7/02
207	B 30 B	15/30
		15/32
208, 209	B 30 B	15/14
		15/16
210	B 30 B	3/02
211	B 30 B	5/02
212	B 30 B	5/04
213	B 30 B	9/02
214	B 30 B	1/00
		1/42
215–217	B 30 B	15/30
218	B 30 B	15/32
219	B 30 B	15/10
220	B 30 B	15/00
221–225	B 30 B	15/02
226, 227	B 30 B	1/00
228	B 30 B	1/02
229	B 30 B	15/06
230	B 30 B	1/00
231	B 30 B	1/18
232	B 30 B	7/04
233–237	B 30 B	7/00
238–255	B 30 B	5/00
256	B 30 B	15/00
257–259	B 30 B	5/00
260	B 30 B	15/00
261–264	B 30 B	5/00
265–268	B 30 B	1/00
269	B 30 B	1/23
		1/32
270, 271	B 30 B	1/08
272	B 30 B	1/16
273	B 30 B	15/20
274–277	B 30 B	15/14
		15/18
278, 279	B 30 B	5/00
280	B 30 B	1/02
		1/10
		1/18
		1/24
		1/26
		1/30
		1/32
		1/40
281	B 30 B	1/10
282	B 30 B	1/06
283	B 30 B	1/02
284	B 30 B	1/00
285	B 30 B	1/02
286	B 30 B	1/10
287	B 30 B	1/14
288	B 30 B	1/22
289, 290	B 30 B	1/18
291	B 30 B	1/26
		1/40
292	B 30 B	1/26
293	B 30 B	1/02
294	B 30 B	1/00
295, 296	B 30 B	15/06
298	A 23 P	1/00
299	B 30 B	
		12/00

U.S. Class 101

Printing

(IPC B 41 F)

1	B 41 F	
	B 41 M	1/42
2	B 41 F	
3–27	B 31 F	1/07
	B 44 B	5/00
28–31	B 31 F	1/07
	B 44 B	5/02
32	B 31 F	1/07
	B 44 C	1/24
33	B 41 O	7/00
34	B 41 C	1/06
35–37	B 41 F	17/00
38–40	B 41 F	17/08
41–44	B 41 F	17/00
45	B 41 J	
	B 41 L	
46	B 41 J	3/44
47	B 41 L	45/00
48–51	B 41 L	47/06
52, 53	B 41 L	47/46
54	B 41 L	45/08
55, 56	B 41 L	47/46
57	B 41 L	47/46
58	B 41 L	47/24
59	B 41 L	47/46
60, 61	B 41 L	45/08
62	B 41 L	47/02
63–65	B 41 L	47/10
66–70	B 41 J	
	B 41 K	
	B 41 L	45/00
71	B 41 K	
72–89	B 41 J	
	B 41 L	45/00
90	B 41 L	
91, 92	B 41 L	47/46
93	B 41 J	
93.01	B 41 J	
	B 44 O	
93.02	B 41 J	9/42
93.03	B 41 J	9/00
93.04–93.05	B 41 J	3/00
93.06	B 41 J	19/00
		25/12
93.07	B 41 J	3/24
		3/44
		11/66
93.08	B 41 J	1/32
		9/10
		9/26
93.09	B 41 J	9/12
93.1	B 41 J	7/86
		9/22
		9/34
93.11	B 41 J	3/50
		3/54
93.12	B 41 J	3/50
		3/54
93.13–93.14	B 41 J	1/18
		1/20
93.15	B 41 J	1/16
		1/50
		9/04
93.16	B 41 J	9/04
93.17	B 41 J	1/16
		1/50
93.18–93.19	B 41 J	1/22
93.2	B 41 J	3/54
93.21–93.23	B 41 J	1/32
93.24	B 41 J	1/36
		1/40
93.25	B 41 J	1/40
93.26	B 41 J	1/54
93.27	B 41 J	1/22
93.28	B 41 J	1/22
		9/00
93.29	B 41 J	1/22
		9/10
		9/24
		9/36
		9/38
93.3–93.34	B 41 J	1/22
		9/10
		9/24
		9/36
		9/38
93.35–93.36	B 41 J	1/22
		9/10
		9/16
		9/28
93.37	B 41 J	1/08
93.38	B 41 J	1/08
		3/54
93.39–93.4	B 41 J	1/08
93.41–93.43	B 41 J	1/08
		1/58
		1/60
		3/56
93.44	B 41 J	1/58
		1/60
93.45–93.46	B 41 J	1/08
		1/16
		1/58
		1/60
93.47	B 41 J	1/04
		1/16
93.48	B 41 J	9/00
94–102	B 41 J	
103–108	B 41 J	27/00
109–112	B 41 J	1/60
113	B 41 L	15/00
114	B 41 F	15/00
	B 41 L	13/00
115	B 41 F	15/04
116	B 41 L	13/04
117	B 41 L	13/14
118–120	B 41 L	13/00
121, 122	B 41 L	13/08
123, 124	B 05 C	17/04
	B 41 L	13/18
		27/00
125	B 41 L	27/26
126–128.1	B 05 C	17/06
		17/08
	B 41 L	13/00
128.21	B 05 C	17/06
		17/08
128.4	B 41 C	1/14
129	B 41 M	1/12
130	B 41 F	7/00
	B 41 L	7/00
		9/00
		11/00
131, 131.5	B 41 L	
132	B 41 L	9/10
		11/08
132.5	B 41 L	11/08
133, 134	B 41 L	11/06
134.5	B 41 L	11/02
135–141	B 41 F	
	B 41 L	
142–144	B 41 F	9/00
		16/00
145	B 41 L	9/10
146	B 41 L	9/04
147, 148	B 41 L	23/00
		25/00
150, 151	B 41 F	
152	B 41 F	9/02
153, 154	B 41 F	9/00
155	B 41 F	9/08
156	B 41 F	9/14
157	B 41 F	9/10
158–162	B 41 F	3/36
163–166	B 41 F	1/00
167–169	B 41 F	
170	B 41 M	1/10
171	B 41 F	
172	B 41 F	17/10
173	B 41 F	3/42
		3/44
		5/16
174–185	B 41 F	5/16
		5/18
186–192	B 41 F	3/42
		3/44
193	B 41 F	1/00
194, 195	B 41 F	1/04
196–199	B 41 F	1/02
		1/10
200	B 41 F	1/14
201	B 41 F	13/52
202–210	B 41 F	1/40
		31/00
211	B 41 M	1/14
212	B 41 F	5/00
		7/00
		13/00
213	B 41 F	17/06
214, 215	B 41 F	11/00
216	B 41 F	5/00
217, 218	B 41 F	7/02
219–223	B 41 F	5/04
		13/02
224–227	B 41 F	13/56
228	B 41 F	13/54
229–231	B 41 F	5/02
232–237	B 41 F	13/24
238–241	B 41 F	13/64
242	B 41 F	33/00
243, 244	B 41 F	31/00
245	B 41 F	13/24
246	B 41 F	21/00
247, 248	B 41 F	13/24
249	B 41 F	29/00
250	B 41 F	3/00
251, 252	B 41 F	3/34
253, 254	B 41 F	3/44
255	B 41 F	3/00
259	B 41 F	3/00
260, 261	B 41 F	3/20
262–267	B 41 F	3/40
268	B 41 F	3/60
269–274	B 41 F	3/04
277, 278	B 41 F	3/14
279, 280	B 41 F	3/00
279–280	B 65 H	
281	B 41 F	31/00
282–286	B 41 F	3/58
287	B 41 F	1/00
288	B 41 F	1/08
289, 290	B 41 F	1/10
291–295	B 41 F	1/08
296	B 41 F	1/20
297–315	B 41 F	1/04
316–321	B 41 F	1/06
322, 323	B 41 F	1/00
324	B 41 F	1/40
325, 326	B 41 F	1/46
327	B 41 F	31/00
	B 41 K	1/38
328–331	B 41 F	5/00
		7/00
		9/00
		11/00
	B 41 K	1/22
332	B 41 F	1/44
	B 41 K	1/48
333, 334	B 41 K	1/42
335	B 41 F	31/00
	B 41 K	1/38
	B 41 L	27/00
336	B 41 F	31/16
	B 41 K	1/48
	B 41 L	27/18
337	B 41 F	31/00

U.S. Class 101—Con.

U.S. Subclass	IPC Subclass	IPC Notation
338–347	B 41 F	1/40
348	B 41 F	1/46
		31/14
	B 41 L	27/16
349–358	B 41 F	31/00
359–362	B 41 F	31/14
363	B 41 F	1/46
364–367	B 41 F	31/02
368	B 41 L	47/02
	B 41 M	
369, 370	B 41 L	47/02
371	B 41 K	
372, 373	B 41 F	17/00
374	B 41 F	13/46
375	B 41 F	13/10
376–378	B 41 F	13/10
		27/06
379–381	B 41 F	
	B 41 K	
	B 41 L	
382–389	B 41 F	27/00
390–394	B 41 B	1/18
395	B 41 N	1/00
396, 397	B 41 B	1/02
398, 399	B 41 B	1/00
400	B 41 B	1/14
401	B 41 B	1/02
	B 41 N	
401.1	B 41 C	
	B 41 N	
401.2	B 41 O	
	B 41 N	11/00
401.3	B 41 L	37/00
	B 41 M	9/00
401.4	B 41 B	1/02
401.5	B 41 B	
	B 41 O	
401.6	B 41 B	5/00
402, 403	B 41 B	1/04
404	B 41 B	1/20
405, 406	B 41 K	1/56
407	B 41 F	1/28
		21/00
408	B 41 F	1/30
	B 41 L	21/06
409–412	B 41 F	1/30
		21/00
		21/10
413–415.1	B 41 F	1/28
		21/00
	B 41 L	21/00
416–422	B 41 F	
	B 41 L	
423–425	B 41 F	35/00
	B 41 L	41/00
426	B 41 C	
	B 41 M	
	B 41 N	
450.1–450.2	B 41 M	1/00
453	B 41 N	1/00
		3/00
454–462	B 41 N	1/00
		3/00
463.1–467	B 41 M	5/00
	B 41 N	3/00
468–473	B 41 M	5/00

U.S. Class 102

Ammunition and explosive devices

(IPC F 42 B)

U.S. Subclass	IPC Subclass	IPC Notation
200	C 06 C	
	F 42 C	
201	F 42 C	19/00
202	C 06 C	7/00
	F 23 Q	7/02
	F 42 C	19/08
202.1	F 42 B	3/18
	F 42 C	15/00
202.11	F 42 B	3/10
	F 42 C	11/00
		19/12
202.12	F 42 B	3/10
	F 42 C	11/00
202.13	F 42 B	3/16
	F 42 C	11/00
		19/12
202.14	F 42 B	3/12
	F 42 C	11/00
		19/12
202.2–202.4	F 42 B	3/18
202.5, 202.6	F 42 B	3/10
		3/12
	F 42 C	11/00
		19/12
202.7	F 42 B	3/10
	F 42 C	11/00
		19/12
202.8	F 42 B	3/14
	F 42 C	11/00
		19/12
202.9	F 42 C	
204	C 06 C	7/00
	F 42 C	19/10
205	C 06 C	9/00
	F 42 C	19/08
206	F 23 Q	7/02
	F 42 C	21/00
207, 208	F 42 C	11/00
209	F 42 C	11/04
210	F 42 C	11/02
211	F 42 C	13/00
212	F 42 C	13/08
213	F 42 C	13/02
214	F 42 C	13/04
215	F 23 Q	7/02
		21/00
216	F 42 C	19/06
217–220	F 23 Q	7/02
		21/00
	F 42 C	11/00
221	F 42 C	15/00
222	F 42 C	15/34
223, 224	F 42 C	15/32
225–227	F 42 C	15/18
228	F 42 C	15/00
229, 230	F 42 C	15/18
231–236	F 42 C	15/26
237–246	F 42 C	15/22
247–253	F 42 C	15/24
254–256	F 42 C	15/34
257–261	F 42 C	15/20
262–264	F 42 C	15/40
265	F 42 C	9/14
266	F 42 C	9/16
267–271	F 42 C	9/14
272	F 42 C	1/00
273	F 42 C	1/04
274, 275	F 42 C	1/02
275.1	C 06 C	5/00
275.11	C 06 C	5/06
275.12	C 06 C	5/06
275.2–275.5	C 06 C	5/00
		5/04
275.6	C 06 C	5/00
275.7, 275.8	C 06 C	5/04
275.9	C 06 C	7/00
276	F 42 C	9/00
277	F 42 C	9/06
277.1	C 06 O	5/00
277.2	C 06 O	5/00
	F 42 C	9/10
281	C 06 C	7/00
282	F 42 B	
283	C 06 B	45/00
	C 06 O	5/00
		5/06
284–288	C 06 B	45/00
		45/12
	C 06 O	5/00
		5/06
289–292	C 06 B	45/00
	C 06 O	5/00
		5/06
293	C 06 O	
	F 42 B	
	F 42 C	
301	F 42 B	3/00
302	F 42 O	3/00
303	F 42 O	5/00
304	F 42 O	3/00
305	F 42 B	1/00
306–310	F 42 B	1/00
		1/02
311–313	F 42 B	3/00
	F 42 O	3/00
314–321	F 42 B	3/00
322	F 42 B	3/00
	F 42 C	19/00
323–330	F 42 B	3/00
331–333	F 42 B	3/00
	F 42 O	3/00
334	C 06 O	3/00
	F 42 B	13/44
335	F 42 B	4/00
336	F 42 B	4/26
337–340	F 42 B	4/28
341–346	F 42 B	4/26
347	F 42 B	4/06
348	F 42 B	4/08
		4/12
349–351	F 42 B	4/06
352	F 42 B	4/14
353	F 42 B	4/16
354	F 42 B	4/00
355	F 42 B	4/00
		4/18
356–360	F 42 B	4/00
361	F 42 B	4/04
362	F 42 B	23/00
363	F 42 B	25/12
364, 365	F 42 B	11/24
		13/14
366	F 42 B	13/00
367	F 42 B	13/46
368	F 42 B	27/06
369	F 42 B	25/12
371	F 42 B	13/54
372, 373	F 42 B	15/00
374–381	F 42 B	15/10
382, 383	F 42 B	25/00
384	F 42 B	25/06
		25/24
385	F 42 B	25/00
386–388	F 42 B	25/02
389	F 42 B	25/00
390–392	F 42 B	21/00
393	F 42 B	25/16
394	F 42 B	25/00
395	F 42 B	25/18
396, 397	F 42 B	25/22
398	F 42 B	15/22
399	F 42 B	15/20
		15/22
400	F 42 B	13/00
401	F 42 B	22/00
		23/00
402	B 63 G	9/00
	F 42 B	22/42
403	F 42 B	7/02
404	F 42 B	23/00
405	F 42 B	22/44
406, 407	F 42 B	22/00
408	F 42 B	22/22
409, 410	F 42 B	22/24
411	F 42 B	22/10
412	F 42 B	22/12
		22/14
413	F 42 B	22/12
414	F 42 B	22/18
415	F 42 B	22/42
416	F 42 B	22/26
417, 418	F 42 B	22/04
419, 420	F 42 B	22/38
421–423	F 42 B	22/02
424	F 42 B	22/02
		23/26
425–427	F 42 B	23/26
428, 429	F 42 B	23/28
430	F 42 B	3/00
		5/02
		7/02
		11/02
431–433	F 42 B	5/18
434, 435	F 42 B	5/02
436	F 42 B	5/16
437	F 42 B	5/05
438	F 42 B	13/50
439	F 42 B	11/00
440, 441	F 42 B	5/02
		5/10
		5/18
442	F 42 B	5/24
443	F 42 B	5/16
444	F 42 B	8/00
445	F 42 B	13/22
446	F 42 B	8/00
447	F 42 B	5/16
		8/00
448	F 42 B	7/02
		7/04
449	F 42 B	7/00
450, 451	F 42 B	7/08
452	F 42 B	7/02
453	F 42 B	7/08
454, 455	F 42 B	7/02
		7/04
456–458	F 42 B	7/02
459	F 42 B	7/04
460	F 42 B	7/02
461	F 42 B	7/08
462, 463	F 42 B	7/02
464, 465	F 42 B	5/26
		5/30
466, 467	F 42 B	5/30
468	F 42 B	5/28
469, 470	F 42 B	5/26
471	F 42 B	5/32
472	F 42 B	5/08
473–476	F 42 B	11/22
		13/02
		13/12
477–480	F 42 B	13/02
481	F 42 B	41/00
482	F 42 B	27/00
483–485	F 42 B	11/42
486	F 42 B	27/08
487, 488	F 42 B	27/00
489	F 42 B	13/50
490	F 42 B	13/12
491–497	F 42 B	13/18
		13/48
498	F 42 B	13/20
499, 500	F 42 B	13/12
501	F 42 B	5/24
501–503	F 42 B	11/00
		13/00
501	F 42 B	15/00
504	F 42 B	13/56
		15/06
505	F 42 B	13/00
506	F 42 B	11/00
		13/18
507–510	F 42 B	11/10
511	F 42 B	11/20
		31/02
512	F 42 B	5/12
		11/30
		13/46
513	F 42 B	11/16
		11/18
		13/34
		13/36
514	F 42 B	11/08
515	F 42 B	11/00
516	F 42 B	11/08
517	F 42 B	11/00
		13/00
518	F 42 B	11/06
519	F 42 B	11/12
		11/14
520	F 42 B	13/16
		31/00
521–523	F 42 B	13/16
524–528	F 42 B	31/00
529	F 42 B	8/00
530	C 06 O	5/00
531	C 06 O	5/00
532	F 42 B	7/08

U.S. Class 104

Railways

(IPC B 61 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 61 B	
		12/00
2	E 01 B	
3	E 01 B	29/02
4	E 01 B	33/02
5, 6	E 01 B	29/02
		29/05
		29/06
		29/16
7	E 01 B	27/17
		29/04
		29/16
8	E 01 B	27/17
		29/16
		33/00
9	E 01 B	29/06
10–14	E 01 B	27/00
15	E 01 B	11/44
		31/18
16, 17	E 01 B	29/24
18–21	B 61 K	1/00
22	A 63 G	1/00
	B 61 O	15/00
	B 64 B	1/50
23	A 63 G	1/00
	B 61 O	15/00
	B 64 F	3/00
24	B 60 K	9/00
25	A 63 G	1/00
26	B 61 B	1/00
27–31	B 61 B	1/00
	E 01 F	1/00
32, 33	B 61 K	5/00
34	B 60 O	
	B 61 C	
	B 61 K	11/00
35–43	B 60 S	13/02
	B 61 J	1/00
44	B 60 S	13/02
45–47	B 61 J	1/00
48–50	B 60 S	13/02
	B 61 J	1/10
		1/12
51	E 04 H	6/00
52	E 04 H	6/00
53–86	A 63 G	1/00
		7/00
		21/00
		29/00
87	B 61 B	15/00
88	B 61 J	3/00
	B 61 K	1/00
89–95	B 61 B	3/00
	E 01 B	25/22
96–105	B 61 B	3/00
		12/02
	B 61 J	1/06
	E 01 B	25/22
106–111	E 01 B	25/22
112–117	B 61 B	7/00
	E 01 B	25/14
		25/16
117.1	B 61 B	7/06
118–121	B 61 B	13/04
	E 01 B	25/08
122	B 61 B	3/00
	B 61 O	47/00
123, 124	B 61 B	12/04
	E 01 B	25/14
		25/16
		25/22
125	E 01 B	25/00
	E 04 H	12/00
126	E 01 B	23/00
		25/00
127–129	B 61 B	3/00
		5/00
		15/00
130–132	E 01 B	25/06
		25/12
		25/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 104—Con.		
		25/26
130.1	B 61 B	13/08
133	B 61 D	49/00
	B 61 F	19/00
134–136	A 63 G	21/00
137	B 61 B	13/00
138	B 61 B	13/10
139	B 61 F	13/00
140–146	B 60 M	1/34
	E 01 B	5/00
154–164	B 60 M	
	B 61 B	13/00
165–172	B 61 B	13/00
173–201	B 61 B	7/00
		9/00
		10/00
		10/02
		10/04
		12/06
		12/08
		12/10
	B 61 J	3/06
202–239	B 61 B	7/20
		12/10
		12/12
240	B 61 B	7/00
	D 07 B	
241	A 62 B	35/00
	B 61 K	13/00
242–248	B 61 B	12/02
	B 61 F	9/00
	B 61 K	5/00
249–260	B 61 K	7/00
261	B 61 F	11/00
262–274	B 61 K	5/00
275–277	B 61 K	13/00
	E 01 B	7/28
279	B 61 F	19/00
280	B 61 F	19/06
281, 282	B 60 L	13/04
283	B 60 L	13/10
284	B 60 L	13/06
285–287	B 60 L	13/02
288	B 60 L	
289	B 60 L	11/00
290–294	B 60 L	13/00
295	B 60 L	15/00
296, 297	B 60 L	1/00
298–305	B 60 L	15/00

U.S. Class 105

Railway rolling stock

(IPC B 61 D)

1–7	B 61 D	17/00
8–25	B 60 D	5/00
	B 61 D	17/14
		17/20
26	B 61 C	1/00
		17/00
26.1–34	B 61 C	11/00
		13/00
	B 61 D	15/12
35, 36	B 61 C	3/00
		7/04
37–48	B 61 C	1/00
49–61	B 61 C	3/00
61.5–66	B 61 C	5/00
		7/00
67–72	A 63 N	19/04
73–85	B 61 C	11/00
		15/00
86–95	B 61 D	15/08
93–132.1	B 61 C	9/00
133–140	B 61 C	1/00
		7/00
		17/00
141–147	B 61 B	13/04
	B B1 C	13/00
148–156	B 61 B	3/00
		7/00
		11/00
157–181	B 61 C	13/00
	B 61 D	1/00
		15/00
	B 61 F	1/00
		11/00
		13/00
182–208.2	B 61 F	3/00
		5/00
209–217	B 61 F	1/00
		5/04
		7/00
		13/00
218–225	B 61 F	5/26
		15/00
226–230	B 61 F	1/00
		5/16
231	B 61 C	17/00
	B 61 D	5/00
		15/00
	B 61 K	11/00
238	B 61 D	
239, 240	B 61 D	3/00
		7/00
		9/00
241.1	B 61 D	5/00
		7/00
		9/00
241.2	B 61 D	5/00
		7/00
		9/14
242–313	B 61 D	3/00
		7/00
		9/00
314–354	B 60 N	5/00
	B 61 D	1/00
		13/00
		17/00
		37/00
355	B 61 D	3/00
		5/00
		11/00
356	B 61 D	15/00
357	B 61 D	17/00
358–362	B 61 D	5/00
363	B 61 D	17/00
364	B 61 D	11/00
365	B 61 B	13/00
	B 61 D	15/00
370–372	B 61 D	3/06
373	B 61 D	3/02
374	B 61 D	45/00
375	B 61 D	3/00
		17/10
377	B 61 D	39/00
378, 379	B 61 D	17/00
380–392	B 61 D	3/08
392.5	B 61 D	15/06
393–395	B 61 D	3/00
		15/04
		17/00
396–421	B 61 D	17/00
		25/00
422	B 61 D	17/10
423	B 61 D	17/18
424	B 61 D	17/00
425–436	B 61 D	47/00
437, 438	B 61 D	19/00
		23/00
	B 61 K	13/00
439–442	B 61 D	33/00
	B 61 K	1/00
		13/00
443–450	B 61 D	23/00
	B 61 K	13/00
451	B 61 D	27/00
452	B 61 D	17/00
453	B 61 F	1/00
		5/00
454, 455	B 61 D	3/00
		15/00
456–461	B 61 C	17/04
	B 61 D	49/00
	B 61 K	13/00
462	B 61 J	3/10

U.S. Class 106

Compositions, coating or plastic

(IPC C 09 D)

1.05–1.29	B 05 B	
	B 22 F	7/00
	C 09 D	5/00
		5/10
	C 23 C	16/00
		18/00
		20/00
2	C 09 D	5/20
	C 09 K	3/00
		3/18
3	C 08 H	
	C 09 D	
	C 09 G	
4	C 09 D	3/02
	C 09 F	
	C 09 G	
5	C 09 F	
	C 09 G	
6	C 09 F	
	C 09 G	1/10
7	C 09 D	3/42
	C 09 G	1/10
8, 9	C 09 F	
	C 09 G	
10	C 09 F	
	C 09 G	1/08
11	C 09 F	
	C 09 G	
12	C 09 G	/00
13	C 09 K	3/18
14.05–14.45	C 04 B	9/02
14.5	C 09 K	3/00
15.05	C 09 D	5/14
16	C 09 D	3/40
		5/14
		5/16
17	C 09 D	3/00
		3/26
		3/42
		5/14
		5/16
		5/18
18	C 09 D	5/14
		5/16
		5/18
18.11–18.36	C 09 D	5/16
		5/18
19	C 09 D	11/00
		13/00
20	C 09 D	11/00
		11/02
		11/16
21–23	C 09 D	11/00
24	C 09 D	11/04
25, 26	C 09 D	11/14
27–29	C 09 D	11/06
30	C 09 D	11/08
31	C 09 D	11/12
32	C 09 D	11/00
32.5	C 09 K	3/00
33	C 09 K	3/10
		3/12
34, 35	C 09 K	3/00
36	C 09 K	3/14
		3/18
37, 38	C 09 K	3/00
38.2, 38.22	B 28 B	7/36
	C 04 B	35/68
38.23	B 28 B	7/36
		7/38
	C 04 B	35/68
	C 08 L	1/00
		3/00
		5/00
38.24	B 28 B	7/36
		7/38
	C 04 B	35/68
	C 08 L	91/00
	C 09 D	3/26
38.25	B 28 B	7/36
		7/38
	C 04 B	35/68
	C 08 L	91/00
		95/00
	C 09 D	3/26
38.27	B 28 B	7/36
		7/38
	C 04 B	35/68
38.28	B 28 B	7/28
		7/34
	C 09 D	1/02
38.3	B 28 B	7/28
		7/34
	C 04 B	28/26
		35/68
	C 09 D	1/02
38.35	B 28 B	7/28
		7/34
38.4	B 28 B	7/28
		7/34
	C 04 B	35/68
	C 09 D	3/02
38.5	B 28 B	7/28
		7/34
	C 04 B	35/68
	C 08 L	1/00
		3/00
		5/00
	C 09 D	3/10
38.6	B 28 B	7/28
		7/34
	C 04 B	35/68
	C 08 L	93/00
	C 09 D	3/40
38.7	B 28 B	7/28
		7/34
	C 08 L	91/00
38.8	B 28 B	7/28
		7/34
	C 08 L	91/00
		95/00
	C 09 D	3/24
38.9	B 28 B	7/28
		7/34
	C 09 D	1/00
74	C 04 B	35/16
74, 315	C 04 B	120/04
74	C 09 D	1/02
	C 09 J	1/02
75	C 04 B	35/16
75, 315	C 04 B	380/00
75	C 09 D	1/02
76	C 04 B	7/00
76, 315	C 04 B	28/26
76	C 04 B	35/16
	C 09 D	1/02
77, 315	C 04 B	28/14
		28/26
77	C 09 D	1/02
78	C 09 D	1/02
		1/10
79, 315	C 04 B	24/14
79	C 09 D	1/04
		3/02
80, 315	C 04 B	24/10
80	C 09 D	1/02
		3/10
81, 315	C 04 B	24/34
81	C 09 D	1/04
		3/12
82, 315	C 04 B	24/08
82	C 09 D	1/04
		3/26
83, 315	C 04 B	26/26
83	C 08 L	91/00
		95/00
84, 315	C 04 B	14/00
84	C 09 D	1/02
		1/04
85–88	C 04 B	7/00
		9/00
		11/00
	C 09 D	1/00
90	C 04 B	7/02
		24/00
91	C 04 B	24/14
92	C 04 B	24/10
93, 94	C 04 B	24/34
95	C 04 B	24/02
96	C 04 B	26/26
97–99	C 04 B	7/02
100	C 04 B	7/02
		7/36
101	C 04 B	7/02
		7/36
102	C 04 B	7/02
		7/36
103	C 04 B	7/02
		7/14
		11/00
104	C 04 B	7/32
105	C 04 B	9/00
106	C 04 B	9/02
107	C 04 B	24/00
108	C 04 B	24/34
109, 110	C 04 B	11/00
111	C 04 B	24/00
112, 113	C 04 B	24/14
114	C 04 B	24/10
115	C 04 B	24/34
116	C 04 B	26/26
117	C 04 B	7/14
118	C 04 B	2/02
		7/34
119, 120	C 04 B	2/02
		7/34
121	C 04 B	9/00
122	C 08 H	
123	C 08 L	97/02
124	C 08 L	89/00
125	C 09 D	3/04
	C 09 H	11/00
126	C 09 D	3/04
		3/10
	C 09 H	11/00
	C 09 J	3/02
127	C 09 D	3/04
		3/12
	C 09 H	11/00
	C 09 J	3/04
128	C 09 D	3/04
		3/14
		3/18
	C 09 H	11/00
	C 09 J	3/04
		3/20
129	C 09 D	3/04
		3/10
	C 09 H	11/00
130	C 09 D	3/04
		3/20
	C 09 H	11/00
131, 132	C 08 L	89/00
		91/00
	C 09 D	3/04
		3/26
	C 09 H	11/00
133	C 08 L	89/00
		93/00
	C 09 D	3/04
		3/40
	C 09 H	11/00
134	C 08 K	/00
	C 08 L	91/00
		95/00
	C 09 D	3/04
	C 09 H	11/00
135–137	C 08 K	/00
138	C 08 H	1/08
	C 08 L	89/00
	C 09 D	3/06
139	C 08 H	1/08
	C 08 L	89/00
	C 09 D	3/06
		3/10
	C 09 J	3/24
140	C 08 H	1/00
	C 08 L	89/00
	C 09 D	3/06
		3/12
	C 09 J	3/23
141	C 08 H	1/00
	C 08 L	89/00
	C 09 D	3/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 106—Con.		
		3/14
		3/18
	C 09 J	3/24
142, 143	C 08 H	1/00
	C 08 L	89/00
	C 09 0	3/06
		3/26
144	C 08 L	89/00
	C 09 0	3/06
		3/40
145	C 08 H	13/00
	C 08 L	89/00
	C 09 0	3/04
		3/24
146–148	C 08 H	1/00
	C 08 K	/00
	C 08 L	89/00
	C 09 0	3/06
149	C 08 H	1/00
	C 08 L	89/00
	C 09 0	3/08
		3/10
150	C 08 B	1/00
	C 08 H	1/00
	C 08 L	89/00
	C 09 0	3/08
		3/12
151	C 08 H	1/00
	C 08 L	1/00
		89/00
		89/00
	C 09 0	3/08
152	C 08 H	1/00
	C 08 L	89/00
		91/00
		95/00
	C 09 0	3/24
		3/36
		3/40
153	C 08 K	/00
	C 08 L	89/00
	C 09 0	3/08
154	C 08 L	89/00
155	C 08 L	89/06
156	C 08 L	89/06
		91/00
		95/00
	C 09 0	3/02
		3/24
		3/36
		3/40
157	C 08 H	1/00
	C 08 L	89/00
	C 09 0	3/02
		3/10
158	C 08 L	1/00
		89/00
	C 09 0	3/02
		3/12
159	C 08 L	89/00
		91/00
	C 09 0	3/02
		3/26
160	C 08 H	1/00
	C 08 L	89/00
		91/00
		95/00
	C 09 0	3/02
		3/24
		3/36
		3/40
161	C 08 K	/00
	C 08 L	89/00
	C 09 0	3/02
162	C 08 L	1/00
		3/00
		5/00
	C 09 J	3/02
163	C 08 L	1/00
164–166	C 08 L	1/24
	C 09 J	3/04
167, 168	C 08 L	1/02
	C 09 J	3/04
169, 170	C 08 L	1/08
	C 09 J	3/04
171, 172	C 08 L	1/08
	C 09 J	3/04
173, 174	C 08 L	1/08
	C 09 J	3/04
175, 176	C 08 L	1/08
	C 09 J	3/04
177	C 08 H	
	C 08 L	1/08
	C 09 J	3/04
178	C 08 L	1/08
	C 09 J	3/04
179	C 08 L	1/08
	C 09 J	3/04
180	C 08 L	1/08
	C 09 J	3/04
181	C 08 L	1/08
	C 09 J	3/04
182–185	C 08 H	17/36
	C 08 L	1/08
	C 09 J	3/04
186	C 08 B	
	C 08 L	1/08
	C 09 J	3/04
187–189	C 08 B	
	C 08 L	1/08
	C 09 J	3/04
190	C 08 B	
	C 08 L	1/08
	C 09 J	3/04
191	C 08 B	
	C 08 L	1/08
	C 09 J	3/04
192	C 08 K	
	C 09 J	3/04
193	C 08 K	/00
	C 08 L	1/08
	C 09 J	3/04
194	C 08 L	1/08
	C 09 J	3/04
195	C 08 L	1/18
	C 09 J	3/04
196	C 08 L	1/12
	C 09 J	3/04
197	C 08 L	1/26
	C 09 J	3/04
198	C 08 L	1/08
	C 09 J	3/04
199	C 08 L	1/00
	C 09 J	3/26
200	C 08 L	1/00
	C 09 0	3/12
		3/40
	C 09 J	3/12
		3/14
		3/16
		3/26
201	C 08 L	1/00
	C 09 0	3/12
	C 09 J	3/26
202	C 08 L	1/00
	C 09 0	3/24
	C 09 J	3/30
203	C 08 L	1/00
	C 09 J	3/04
204	C 08 L	1/00
	C 09 J	3/04
205	C 08 L	5/00
	C 09 0	3/10
		3/20
		3/22
	C 09 J	3/02
		3/04
206	C 08 L	5/00
	C 09 0	3/10
		3/20
		3/22
		3/26
	C 09 J	3/30
207	C 08 L	5/00
	C 09 0	3/10
		3/20
		3/22
		3/24
		3/40
	C 09 J	3/02
208	C 08 L	5/00
	C 09 J	3/02
		3/06
209	C 08 L	5/00
	C 09 J	3/02
		3/06
210, 211	C 08 L	3/00
	C 09 0	3/20
	C 09 J	3/06
212	C 08 L	3/00
	C 09 0	3/20
		3/24
		3/40
	C 09 J	3/06
		3/26
		3/30
213	C 08 J	3/02
	C 08 L	3/00
	C 09 0	3/20
	C 09 J	3/06
214	C 08 J	3/00
	C 08 K	/00
	C 09 0	3/20
	C 09 J	3/06
215	C 08 L	5/00
	C 09 0	3/20
		3/26
	C 09 J	3/02
216	C 08 L	5/00
	C 09 0	2/24
		3/20
	C 09 J	3/02
		3/26
		3/30
217	C 08 L	5/00
	C 09 0	3/20
	C 09 J	3/02
218	C 08 L	89/00
		91/00
		93/00
		95/00
		97/00
		99/00
	C 09 0	3/40
219–223	C 08 L	91/00
	C 09 0	3/25
		3/26
		3/42
224	C 08 L	91/00
	C 09 0	3/26
		3/28
		3/44
225	C 08 L	91/00
	C 09 0	3/26
		3/28
		3/46
226–228	C 08 L	91/00
	C 09 0	3/42
229	C 08 L	91/00
	C 09 0	3/44
		3/46
230, 231	C 08 L	91/06
232–234	C 08 L	93/00
		95/00
235	C 08 L	93/00
		95/00
236	C 08 J	3/02
237–239	C 08 J	3/02
	C 08 L	93/00
240–242	C 08 L	93/00
243–263	C 08 L	91/00
	C 09 0	3/26
264	C 09 0	3/26
	C 09 F	7/00
		9/00
265–269	C 08 L	91/00
	C 09 0	3/26
270	C 08 L	91/06
	C 09 0	3/387
		3/387
271	C 08 J	3/02
	C 08 L	91/06
	C 09 0	3/387
272	C 08 L	91/06
273–277	C 08 L	95/00
	C 09 0	3/24
278–280	C 08 J	/00
	C 08 K	/00
	C 08 L	95/00
	C 09 0	3/24
281–284	C 08 L	95/00
	C 09 0	3/24
285	C 09 0	3/00
286.1–286.8	C 09 0	1/00
287.1–287.35	C 07 G	
	C 08 H	
	C 09 K	
288	C 04 B	14/00
	C 08 K	/00
	C 09 C	
	C 09 0	
289	C 04 B	14/00
	C 08 0	17/02
	C 08 K	/00
	C 09 C	
	C 09 0	
	C 09 K	
290	C 04 B	14/34
	C 08 K	3/08
	C 09 C	1/62
	C 09 0	5/10
	C 09 K	
291	C 04 B	14/20
	C 08 H	
	C 08 K	7/00
	C 09 C	
	C 09 K	
292	C 04 B	14/00
	C 09 C	1/04
		1/62
293	C 04 B	14/00
293–295	C 08 K	3/30
	C 09 K	/00
294	C 04 B	14/00
295	C 04 B	14/00
296	C 04 B	14/30
	C 08 K	3/22
	C 09 K	/00
297	C 04 B	14/00
297, 298	C 08 K	3/00
	C 09 C	1/14
		1/20
		1/62
298	C 04 B	14/00
299	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/00
		1/36
		1/62
300	C 04 B	14/30
	C 08 K	3/22
	C 09 C	1/36
		1/62
301	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/10
		1/62
302	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/08
		1/20
		1/34
		1/62
	C 09 K	
303	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/00
		1/62
304	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/22
		1/24
		1/26
		1/62
305	C 04 B	14/00
	C 08 K	3/34
	C 09 C	1/32
		1/62
306	C 04 B	14/00
	C 08 K	3/00
	C 09 C	1/00
		1/02
307	C 04 B	14/36
	C 08 K	3/04
	C 09 C	1/44
		1/60
	C 09 K	
308	C 04 B	14/00
	C 08 J	3/00
		7/00
	C 09 C	1/00
		3/00
309	C 04 B	14/00
	C 09 C	
	C 09 0	
310	C 09 F	9/00
311	C 08 K	/00
312	C 09 0	5/00
313	C 04 B	35/00
	C 09 K	3/00
314, 315	C 04 B	14/00
		16/00
		18/00
		22/00
		22/00
		24/00
		26/00
		28/00
316	C 03 C	
	C 08 H	
	C 08 K	
	C 09 K	

U.S. Class 108

Horizontally supported planar surfaces

(IPC A 47 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–10	A 47 F	5/12
11–26	A 47 B	85/00
26.2	A 47 B	41/02
	B 43 L	25/00
27	A 47 B	17/00
28–32	A 47 B	41/04
33–41	A 47 B	3/00
42–46	A 47 B	23/00
		37/00
47–48	A 47 B	5/00
49	A 47 B	23/00
50	A 47 B	35/00
		83/00
51.1	B 65 D	19/00
51.3	B 65 D	19/00
52.1–54.1	B 65 D	19/38
55.1–55.3	B 65 D	19/44
56.1	B 65 D	19/12
		19/16
56.3	B 65 D	19/12
		19/16
57.1	B 65 D	19/38
59–64	A 47 B	57/00
65–66	A 47 B	1/00
67–68	A 47 B	1/06
69–82	A 47 B	1/04
83–89	A 47 B	
90	A 47 B	13/08
91	A 47 B	7/00
92–101	A 47 B	57/00
102–105	A 47 B	11/00
106–110	A 47 B	9/00
111	A 47 B	3/00
		47/00
112, 113	A 47 B	3/00
114	A 47 B	3/00
		47/00
115	A 47 B	3/00
116–120	A 47 B	3/02
121–135	A 47 B	3/00
136	A 47 B	9/02
137–143	A 47 B	11/00
144–148	A 47 B	9/00
149	A 47 B	5/00
150, 151	A 47 B	13/02
152	A 47 B	5/00
153–159	A 47 B	3/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 108—Con.		
		47/00
160–161	A 47 B	13/00
U.S. Class 109		
Safes, bank protection and related devices		
(IPC E 05)		
1	E 05 G	3/00
2	E 04 H	9/00
3–8	E 05 G	3/00
9	E 04 H	1/12
10	A 47 F	9/00
	E 05 G	3/00
11–13	E 05 G	3/00
	E 06 B	9/00
14	E 05 G	3/00
	E 06 B	9/08
15, 16	E 06 B	7/08
17, 18	E 06 B	9/04
19	E 06 B	7/32
20	E 05 G	3/00
	G 08 B	15/02
21	E 05 G	3/00
	G 08 B	13/00
21.5	E 06 B	7/30
22	E 05 G	3/00
23	E 05 G	3/00
24	E 05 G	3/00
24.1	G 07 G	5/00
25	E 05 G	3/00
26, 27	E 05 G	3/00
	E 06 B	5/12
28	E 05 G	3/00
29–34	E 05 G	3/00
	G 08 B	15/02
35	E 05 G	3/00
	G 08 B	13/22
36, 37	E 05 G	3/00
	F 41 C	9/00
	G 08 B	15/00
38	E 05 G	3/00
	G 08 B	13/00
39	E 05 G	3/00
	G 08 B	13/14
40, 41	G 08 B	19/00
42	E 05 G	3/00
	G 08 B	13/00
43	G 08 B	13/08
44	E 05 G	3/00
	G 08 B	13/06
45–49	E 05 G	1/00
49.5	E 06 B	9/00
50	E 05 G	1/00
51, 52	E 05 G	1/04
53–57	E 05 G	1/00
58	E 04 F	5/10
	E 06 B	5/00
58.5	E 06 B	5/10
		7/30
59–63.5	E 05 G	1/04
64	E 04 F	5/00
		7/00
	E 06 B	3/00
65	E 04 F	5/00
		5/16
66	E 06 B	7/32
67, 68	E 06 B	7/00
69–72	E 05 0	15/56
	E 06 B	3/50
73	E 06 B	3/34
74	E 06 B	3/36
75	E 06 B	7/16
76	E 06 B	3/04
77	E 06 B	1/04
78	E 04 B	2/00
	E 04 C	2/00
	E 05 G	1/02
79–85	E 04 B	2/02
87	E 04 B	5/00
	E 04 F	15/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 110		
Furnaces		
(IPC F 23 L)		
101–103	F 23 K	3/00
104–105.6	F 23 K	3/02
106	F 23 K	1/00
		3/02
107	F 23 K	3/16
108	F 23 K	3/10
		3/16
109	F 23 K	3/12
		3/16
110	F 23 K	3/14
		3/16
111–115	F 23 K	3/18
116–118	F 23 K	3/16
119	F 23 J	15/00
120	F 23 B	5/00
	F 23 J	15/00
121–129	F 23 J	3/00
145	F 23 J	11/00
146	F 23 J	11/04
147–148	F 23 J	11/00
	F 23 L	13/00
	F 23 N	3/00
150	F 23 L	17/16
157–158	F 23 L	11/02
		13/00
159–161	F 23 L	17/16
	F 23 N	3/00
162	F 23 L	17/00
	F 23 N	3/08
163	F 23 L	1/00
		13/00
	F 23 N	3/02
165–166	F 23 J	1/00
167–169	F 23 J	1/02
		1/06
170	F 23 J	1/06
171–172	F 23 J	1/02
173–178	F 23 M	7/00
179	F 23 M	11/02
180	F 23 M	5/08
		7/04
181	F 23 M	5/00
182	F 23 M	5/08
182.5, 182.6	F 23 L	5/00
184	F 23 J	11/00
185	F 23 N	5/00
186	F 23 N	5/18
187	F 23 N	5/00
188, 189	F 23 N	5/18
190	F 23 N	5/02
191	F 23 N	5/22
192	F 23 N	5/20
		5/22
193	F 23 N	5/24
194	F 23 G	1/00
195	B 21 J	19/00
196, 197	F 23 B	1/28
		1/38
198–202	F 23 B	1/10
203	F 23 J	15/00
204–207	F 23 B	5/02
	F 23 C	9/00
208, 209	F 23 B	5/04
	F 23 C	9/04
209, 231	F 23 B	1/14
210–214	F 23 B	5/00
	F 23 C	9/00
	F 23 G	7/06
215	F 23 J	15/00
216	F 23 J	3/00
217	F 23 J	3/04
218	F 23 K	1/00
219, 220	F 23 G	5/02
221	F 23 G	5/04
222, 223	F 23 G	5/02
224, 225	F 23 G	5/04
226	B 23 K	3/02
	B 44 B	7/02
	F 23 0	14/00
227, 228	D 06 F	75/00
229	F 23 G	5/12
230	D 06 F	75/00

U.S. Subclass	IPC Subclass	IPC Natation
231	F 23 G	5/12
232	F 23 K	1/00
233, 234	F 23 B	7/00
235–236	B 09 B	3/00
235, 236	F 23 D	14/00
	F 23 G	5/00
		5/12
		5/44
		7/00
237	F 23 G	7/00
238	F 23 G	7/04
239–241	F 23 D	3/00
		5/00
		7/00
		9/00
		11/00
242–245	F 23 G	5/00
		7/00
246	A 47 J	36/00
		36/24
247–249	F 23 G	5/00
		7/00
250	F 23 G	5/00
		5/10
		5/12
251	F 23 G	5/00
		5/12
		7/00
252	F 23 G	5/08
		5/12
		5/44
253–259	F 23 G	5/00
		5/12
		5/44
		7/00
260	F 23 C	1/02
		1/04
261, 262	F 23 C	1/10
		1/12
263	F 23 0	1/00
264	F 23 D	1/02
265, 266	F 23 D	1/00
267	F 23 K	3/00
268	F 23 K	3/08
269	F 23 H	11/00
270–272	F 23 H	11/10
273	F 23 H	11/12
274	F 23 H	11/00
275, 276	F 23 K	3/18
277	F 23 K	3/16
278–280	F 23 H	7/10
		7/16
281–283	F 23 H	7/08
		7/14
284	F 23 H	7/14
285	F 23 K	3/00
286–288	F 23 K	3/10
289	F 23 K	3/12
290, 291	F 23 K	7/04
292, 293	F 23 K	3/00
294293	F 23 H	13/00
295, 296	F 23 B	1/12
297	F 23 L	
298–300	F 23 H	3/00
301	F 23 L	
302–304	F 23 L	15/00
305	F 23 L	9/007
		15/00
306, 307	F 23 L	15/00
		70/00
308	F 23 L	15/00
309–312	F 23 L	13/00
313	F 23 L	13/00
319	F 23 M	3/14
320	F 23 M	3/22
321	F 23 B	1/30
	F 23 C	3/00
	F 23 J	1/00
322–326	F 23 M	9/00
327	F 23 K	3/00
328	F 23 H	17/00
329	F 23 H	11/18
330	F 23 H	11/20
331–335	F 23 M	5/06
336	F 23 M	5/00
337	F 23 M	3/00

U.S. Subclass	IPC Subclass	IPC Natation
		5/00
338–340	F 23 M	5/02
341–343	F 23 B	7/00
344343	F 23 J	1/00
344	F 23 J	3/00
345	F 23 J	11/00
		15/00
346	F 23 G	
347	F 23 0	1/00
348	F 23 L	
349	F 23 B	7/00
U.S. Class 111		
Planting		
(IPC A 01 C)		
1	A 01 C	
2–4	A 01 C	11/00
6–7.4	A 01 C	23/02
8, 9	A 01 C	7/00
		15/00
		19/00
10–13	A 01 C	7/08
		15/00
		19/00
14–88	A 01 C	5/00
		7/18
89–91	A 01 C	5/00
92–98	A 01 C	5/02
99	A 01 C	5/00
U.S. Class 112		
Sewing		
(IPC D 05 B)		
1	D 05 B	
	0 05 C	
2	D 05 B	23/00
3	D 05 B	11/00
4–9	D 05 B	23/00
10, 11	D 05 B	13/00
12	D 05 B	23/00
13, 14	0 05 B	23/00
		39/00
15	D 05 B	23/00
		35/10
		35/12
16	D 05 B	15/00
		23/00
		27/10
		27/18
17	0 05 B	67/00
18, 19	0 05 B	27/00
		27/10
		27/18
20	D 05 B	23/00
		35/00
21	B 42 B	1/02
		2/00
22	B 42 B	1/08
		2/00
23, 24	D 05 B	23/00
25, 26	D 05 B	7/00
27	D 05 B	7/00
		27/00
28	D 05 B	15/00
29–40	D 05 B	15/02
41, 42	D 05 B	15/02
		67/00
43	D 05 B	15/02
		71/00
44	D 05 B	15/06
45	D 05 B	15/02
46	D 05 B	15/06
47	D 05 B	15/00
		27/26
48	D 05 B	15/00
		27/00
49	D 05 B	15/00
		27/00
50, 51	D 05 B	15/00

U.S. Subclass	IPC Subclass	IPC Natation
		35/10
52	D 05 B	15/00
		31/02
53–59	D 05 B	15/00
60, 61	D 05 B	15/00
		29/04
62	D 05 B	15/00
		39/00
		75/00
63, 64	D 05 B	23/00
65–77	0 05 B	3/00
78	0 05 C	3/00
79	0 05 C	15/00
79.5	0 05 C	15/02
80	D 05 C	15/06
81, 82	D 05 B	9/00
83	D 05 C	3/04
84	D 05 C	5/00
85, 86	0 05 C	5/00
		7/04
87	D 05 C	3/04
88	D 05 C	3/04
		7/08
89–92	D 05 C	3/04
		7/04
93	0 05 C	3/04
		11/00
94	D 05 C	3/04
95	D 05 C	3/04
		11/18
96	0 05 C	3/04
97	0 05 C	3/04
		11/08
98	D 05 C	3/02
99–101	0 05 C	3/02
		7/08
102	D 05 C	3/02
		7/04
103	D 05 C	7/04
		9/04
104	D 05 B	3/12
105–107	D 05 B	3/18
108, 109	D 05 B	3/16
110–112	D 05 B	3/14
113	0 05 B	3/22
114, 115	0 05 B	3/00
116	D 04 B	33/00
	D 05 B	23/00
117	D 05 B	11/00
118, 119	0 05 B	11/00
		35/00
120	D 05 B	1/00
		23/00
121	D 05 B	23/00
121.11	D 05 B	19/00
121.12	D 05 B	21/00
121.13, 121.14	0 05 B	3/00
121.15	D 05 B	21/00
	D 05 C	9/04
		9/10
121.16, 17	D 05 B	3/12
121.18	0 05 B	3/04
121.19	0 05 B	13/00
121.2	D 05 B	3/00
121.21	D 05 B	15/02
121.22	D 05 B	23/00
121.23	D 05 B	11/00
121.24	D 05 B	3/00
121.25	D 05 B	1/00
121.26	D 05 B	21/00
121.27	0 05 B	23/00
121.28	D 05 B	3/00
121.29	0 05 B	33/00
		81/00
122, 123	D 05 B	37/00
124	D 05 B	37/08
125–128	D 05 B	37/00
129, 130	D 05 B	37/04
131	A 41 H	1/06
	D 05 B	35/00
132–135	D 05 B	35/08
136	D 05 B	35/00
137, 138	D 05 B	35/06
139	D 05 B	35/00
	D 05 C	7/08
140	D 05 B	35/00

U.S. Class 112—Con.

U.S. Subclass	IPC Subclass	IPC Notation
141–143	0 05 B	35/02
144–146	0 05 B	35/08
147, 148	0 05 B	35/00
149	0 05 B	35/00
150	0 05 B	29/00
		35/00
151	0 05 B	35/00
152, 153	0 05 B	35/10
154	0 05 B	1/00
155	0 05 B	25/00
156	0 05 B	23/00
157	0 05 B	3/04
158, 159	0 05 B	3/02
160, 161	0 05 B	3/04
162	0 05 B	1/20
		57/06
163, 164	0 05 B	1/08
165, 166	0 05 B	1/06
		1/10
167	0 05 B	1/08
168	0 05 B	1/14
169	0 05 B	1/00
170–172	0 05 B	23/00
172	0 05 B	1/20
173–175	0 05 B	1/04
176	0 05 B	1/24
177, 178	0 05 B	1/24
		57/06
179	0 05 B	1/00
		47/00
180	0 05 B	57/26
181–184	0 05 B	57/14
185, 186	0 05 B	57/10
187	0 05 B	61/00
188	0 05 B	57/10
		57/16
		57/18
		57/20
189–191	0 05 B	57/08
192–193	0 05 B	57/12
194, 195	0 05 B	57/08
196	0 05 B	57/16
		57/18
		57/20
197	0 05 B	1/06
		1/10
198	0 05 B	1/06
		1/10
		85/06
199, 200	0 05 B	1/06
		1/10
		57/00
201	0 05 B	1/06
		1/10
		57/04
202	0 05 B	1/06
		1/10
		57/02
217	0 05 B	27/00
217.1, 217.2	A 47 B	29/00
	0 05 B	75/00
217.3, 217.4	0 05 B	69/00
220, 221	0 05 B	69/00
222	0 05 B	85/00
223	0 05 B	85/04
		85/14
224	0 05 B	87/00
225	0 05 B	53/00
		55/00
		87/00
226	0 05 B	55/02
227	0 05 B	51/00
		55/06
228–231	0 05 B	57/14
232–234	0 05 B	57/10
235	0 05 B	29/00
236	0 05 B	29/00
	0 05 C	9/00
237–239	0 05 B	29/00
240	0 05 B	29/12
241–248	0 05 B	49/00
249	0 05 B	49/02
250	0 05 B	49/00
253	0 05 B	53/00
254, 255	0 05 B	47/00
256	0 05 B	71/00
257–260	0 05 B	75/00
261	0 05 B	83/00
262.1–262.3	0 05 B	1/00
262.1	0 05 B	97/00
263.1	0 05 B	23/00
264.1	0 05 B	3/06
265.1, 265.2	0 05 B	3/12
		3/14
		3/16
		3/18
		3/20
		97/10
		97/12
266.1	0 05 C	3/00
		5/00
		7/00
266.2	0 05 C	15/00
267.1	0 05 B	1/24
268.1	0 05 B	1/20
		1/24
269.1	0 05 B	1/20
270	B 65 H	59/00
	0 05 B	51/00
		81/00
271–277	B 65 H	63/00
	0 05 B	69/36
278	0 05 B	51/00
279	B 65 H	54/18
	0 05 B	59/00
280, 281	0 05 B	71/00
283, 284	B 65 H	59/00
	0 05 B	51/00
		81/00
285–301	0 05 B	65/00
302	B 65 H	57/00
303–309	0 05 B	27/00
310	0 05 B	27/00
		27/20
311	0 05 B	27/00
312, 313	0 05 B	27/08
		27/16
314, 313	0 05 B	27/00
315, 316	0 05 B	27/22
317	0 05 B	27/00
318	0 05 B	27/10
		27/12
		27/14
		27/16
		27/18
319	0 05 B	27/00
320	0 05 B	27/04
321	0 05 B	27/20
322	0 05 B	27/10
		27/12
		27/14
		27/16
		27/18
323	0 05 B	27/02
324	0 05 B	27/00
400	B 32 B	7/08
	0 05 B	93/00
401, 402	0 05 B	93/00
403	B 32 B	7/08
	0 05 B	93/00
404	0 05 C	17/00
405	B 32 B	7/08
406	A 41 F	1/00
407	A 41 F	1/00
	A 44 B	13/00
408	A 41 F	1/00
	A 44 B	1/18
409	B 32 B	7/08
410, 411	0 05 C	17/02
412	D 05 B	93/00
413–417	B 32 B	7/08
	0 05 B	93/00
418–428	B 32 B	7/08
429	B 32 B	7/08
	0 05 C	17/00
430	0 05 C	17/00
431	A 41 F	1/02
	0 05 C	17/00
432–436	0 05 C	17/00
437	A 41 F	1/02
	0 05 C	17/00
438	0 05 B	93/00
439	0 05 C	17/00
440, 441	B 32 B	7/08

U.S. Class 114

Ships

(IPC B 63 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 63 G	
2, 3	B 63 G	9/00
4–8	B 63 G	1/00
9–13	B 63 B	3/10
14	B 63 G	9/04
15	B 63 G	9/00
		13/02
18, 19	B 63 G	3/02
		5/00
20	F 42 B	19/00
21	F 42 B	19/01
22	F 42 B	19/00
23, 24	F 42 B	19/01
25	F 42 B	19/04
26	B 63 B	35/28
27–38	B 63 B	35/30
39	B 63 B	35/00
	B 63 H	9/00
40–42	B 63 B	35/08
43	B 62 B	15/00
44	B 63 C	7/00
45–48	B 63 C	1/02
49–55	B 63 C	7/00
56–63	B 63 B	1/00
65	B 63 B	3/00
		5/00
		9/06
66	B 63 B	35/00
67	B 63 B	1/34
68–69	B 63 B	43/10
70	B 63 B	27/14
		35/00
71	B 63 B	29/02
		29/22
72	B 63 B	25/00
73	B 63 B	25/02
74–76	B 63 B	25/08
77	B 63 B	3/02
78	B 63 B	3/56
79–81	B 63 B	3/00
82	B 63 B	5/02
83	B 63 B	3/00
84–88	B 63 B	3/00
		5/00
89–101	B 63 B	15/00
	B 63 H	9/10
102–115	B 63 H	9/04
116	B 63 B	11/00
		19/00
117–120	B 63 B	19/00
	E 05 F	
121	B 63 B	9/08
		43/06
		43/08
122	B 63 B	39/00
		43/02
123	B 63 B	43/14
124	B 63 B	39/02
		39/03
		43/08
125	B 63 B	39/03
		43/06
126	B 63 B	39/06
		43/04
127–139	B 63 B	3/38
		41/00
140	B 63 B	3/38
141	B 63 B	41/00
142	B 63 B	3/44
		39/06
143	B 63 B	41/00
144	B 63 H	25/00
145	B 63 H	25/44
		25/48
146	B 63 H	21/26
147, 148	B 63 H	25/42
149	B 63 H	25/52
150	B 63 H	25/22
151	B 63 H	25/46
152, 153	B 63 H	25/00
154–159	B 63 H	25/08
160, 161	B 63 H	25/10
162–169	B 63 H	25/06
170, 171	B 63 H	25/34
172	B 63 H	25/00
173–178	B 63 B	19/00
179	B 63 B	21/14
180	B 63 B	21/08
		21/18
181	B 63 B	21/14
182	B 63 B	19/26
183–185	B 63 B	13/00
		29/16
		37/00
186	B 63 B	29/16
187	B 63 B	15/00
		19/00
188	B 63 B	29/04
189	B 63 B	29/02
190	B 63 C	9/22
191	B 63 B	29/12
192, 193	B 63 B	29/10
194, 195	B 63 B	29/04
197, 198	B 63 B	13/00
199	B 63 B	21/08
200	B 63 B	21/18
201	B 63 B	19/12
202	B 63 B	19/18
203	B 63 B	19/12
210	B 63 B	21/22
211–212	B 63 J	2/00
213–217	F 16 G	11/00
218	B 63 B	21/04
219, 220	B 63 B	59/02
221	B 63 B	9/00
222	B 63 B	59/00
223	B 25 B	25/00
224	B 63 B	9/00
227–229	B 63 B	43/16
230, 231	B 63 B	21/00
232–234	B 63 B	39/10
238–239	B 63 B	1/00
		5/00
240	B 63 G	9/00
241	B 63 G	9/04
242	B 63 B	21/56
243	F 15 0	1/10
244	B 63 B	21/66
	B 63 G	8/42
		9/00
245	B 63 G	8/14
		8/22
246	B 63 H	25/00
247, 248	B 63 B	21/56
249, 250	B 63 B	21/58
251	B 63 B	21/04
252	B 63 B	21/06
253	B 63 B	21/04
		21/56
254	B 63 B	21/16
255	B 63 B	35/14
256, 257	B 65 0	89/10
258	B 63 B	35/44
259, 260	63 B	35/035
268	B 63 B	27/00
269–270	B 63 B	35/00
271	B 63 B	1/00
272, 273	B 63 B	1/16
274	B 63 B	1/24
		1/26
275–277	B 63 B	1/28
278, 279	B 63 B	1/24
		1/26
280, 281	B 63 B	1/28
282	B 63 B	1/30
283	B 63 B	1/20
284–287	B 63 B	1/22
288–291	B 63 B	1/32
292	B 63 B	1/00
293	B 63 B	21/24
		21/50
294	B 63 B	21/24
295	B 63 B	21/26
		21/28
296	B 63 B	21/27
297	B 63 B	21/24
298	B 63 B	21/30
299	B 63 B	21/46
300	B 63 B	21/30
301	B 63 B	21/32
		21/34
302	B 63 B	21/034
		21/30
		21/32
303	B 63 B	21/24
304	B 63 B	21/038
305	B 63 B	21/36
306	B 63 B	21/38
307	B 63 B	21/44
308–310	B 63 B	21/38
311	B 63 B	21/48
312, 313	B 63 G	8/00
314	B 63 C	11/00
315	B 63 C	11/46
316–320	B 63 G	8/28
321	B 63 G	8/00
322–325	B 63 G	8/41
326–329	B 63 6	8/40
330, 331	B 63 G	8/14
332	B 63 G	8/18
333	B 63 6	8/22
334	B 63 G	8/36
335, 336	B 63 G	8/40
337, 338	B 63 6	8/08
339	B 63 G	8/04
		8/06
340	B 63 G	8/38
341, 342	B 63 G	8/00
343	B 63 B	
344	B 60 P	3/10
	B 63 B	21/64
	B 63 C	13/00
345	B 63 B	7/00
346	B 63 B	3/00
347	B 63 B	35/00
		35/71
348	B 63 C	9/02
349, 350	B 63 C	9/06
351	B 63 B	35/00
352	B 63 B	7/04
353, 354	B 63 B	7/00
355, 356	B 63 B	3/00
357356	B 63 B	5/24
358	B 63 B	5/02
359	B 63 B	3/00
		5/00
360	B 63 B	43/02
361	B 63 B	17/00
		17/02
362–364	B 63 B	17/00
365	B 63 B	23/00
366	B 63 B	23/38
367	B 63 B	23/00
		23/70
	B 63 C	9/22
368–372	B 63 B	23/02
373	B 63 B	23/04
374	B 63 B	23/18
375–378	B 63 B	23/00
379	B 63 B	23/00
	B 63 C	9/22
380	B 63 B	23/00
381	B 63 B	23/64
		23/66

U.S. Class 116

Signals and indicators

(IPC G 08 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 08 B	
2	G 08 B	19/00
3–5	G 08 B	7/00
6, 7	G 08 B	15/00
8	E 05 B	45/00

U.S. Subclass	IPC Subcloss	IPC Notation
U.S. Class 116—Con.		
		45/01
		45/02
		45/03
		45/04
	G 08 B	13/06
		15/00
9	E 05 B	45/00
	G 08 B	13/08
		15/00
10	E 05 B	45/00
	G 08 B	15/02
11	E 05 B	45/04
	G 08 B	15/00
12–14	G 08 B	15/00
15	G 08 B	15/02
16	G 08 B	15/00
17	G 08 B	15/02
18–20	G 08 B	9/00
21–25	G 08 B	9/00
26, 27	B 63 B	45/04
	F 21 Q	5/00
28	B 60 Q	9/10
		11/00
28.1	G 01 O	
29	B 61 L	3/00
		3/01
		3/02
		3/04
30	B 61 L	15/00
31	B 60 Q	1/42
32	B 60 Q	9/00
33	B 60 R	25/00
	B 62 H	5/20
34	B 60 C	23/02
		23/06
35–36	B 60 Q	1/26
37–38	B 60 Q	1/54
39–40	B 60 Q	1/26
41–56	B 60 Q	1/26
57	B 60 Q	1/52
58	B 60 Q	5/00
59–60	B 60 Q	5/00
61–62	B 60 Q	5/00
62.1–62.4	G 01 P	5/00
63	E 01 F	9/10
	G 08 B	
64	B 66 B	3/00
		19/06
67	G 08 B	3/00
		3/02
		3/06
68	B 66 B	3/00
		19/06
69	G 01 W	1/14
70	G 01 L	19/12
71–74	G 08 B	21/00
75	G 08 B	13/00
		13/01
		13/02
		13/03
		13/04
		13/05
		13/06
		13/07
		13/08
		13/09
		13/10
		13/11
		13/20
76	G 08 B	13/08
77–80	G 08 B	13/02
81	G 08 B	13/12
82–84	G 08 B	13/02
85	G 08 B	13/08
86	G 08 B	13/08
87–97	G 08 B	13/08
98	G 08 B	13/10
99	G 08 B	13/14
100	G 08 B	21/00
101–102	G 08 B	17/00
		17/04
103	G 08 B	17/04
104–108	G 08 B	17/00
		17/04
109	G 01 F	23/00
110–111	G 01 F	1/00
112, 113	G 08 B	21/00
137	B 06 B	3/00
	G 10 K	5/00
		9/00
		9/10
138	G 10 K	5/00
		9/02
		9/04
139	G 10 K	5/00
		9/04
140–141	G 10 K	5/00
142	G 10 K	9/00
		9/01
		9/02
		9/03
		9/04
		9/05
		9/06
		9/07
		9/08
		9/09
		9/10
143–146	G 10 K	9/20
147	G 10 K	7/00
148	G 10 K	1/00
149	G 10 K	1/36
150	G 10 K	1/26
		1/38
151	G 10 K	1/068
152	G 10 K	1/06
153	G 10 K	5/04
154	G 10 K	1/064
155	G 10 K	1/067
		1/10
156	G 10 K	1/067
		1/10
157–161	G 10 K	1/064
162–163	G 10 K	1/08
164–165	G 10 K	1/08
166	B 62 J	3/00
167	G 10 K	1/10
		1/32
168	G 10 K	1/10
169	G 10 K	1/10
		1/32
170	G 10 K	1/071
171	G 10 K	1/071
172	G 10 K	1/34
173–175	G 09 F	17/00
200, 201	G 01 O	11/00
		13/00
	G 08 B	
202	F 21 Q	3/00
203	G 01 L	5/00
204	G 01 O	5/12
205	G 01 D	13/22
206–209	G 01 O	21/00
210	B 64 B	1/40
211	G 08 B	1/00
212	G 01 L	5/00
213	G 03 B	17/00
214	G 08 B	5/40
215	B 08 B	5/00
216–220	G 01 K	1/02
221	G 01 K	5/00
222–225	A 63 B	7/06
	A 63 F	11/18
226	B 66 B	3/02
227	G 01 F	23/00
228	G 01 F	23/30
229	G 01 F	23/32
230–233	B 23 Q	17/00
234–240	B 42 O	9/00
241–263	H 03 J	1/00
264	G 01 F	15/00
265	G 01 P	5/00
266	G 01 P	3/00
267–272	G 01 L	19/12
273–275	G 01 F	15/00
276	G 01 F	15/04
277	F 16 K	37/00
278	G 01 O	21/00
	G 09 F	9/00
279	G 09 F	9/00
	H 01 H	9/16
280	G 01 O	11/00
281–283	G 01 O	5/00
284	G 01 O	13/00
	G 09 F	9/00
285	G 01 O	11/00
286–288	G 01 O	11/28
289, 290	G 01 O	11/00
291	G 01 O	11/06
292	G 01 O	13/10
293	G 01 O	13/26
294, 295	G 01 O	11/16
296	G 01 O	13/24
297	G 01 O	11/16
298	G 01 O	13/12
299	G 01 O	13/08
300, 301	G 01 O	13/22
302	G 01 O	13/00
303	G 01 O	13/22
304	G 01 O	11/00
305	G 01 O	11/24
306–324	G 09 F	9/00
325, 326	G 08 B	5/00
327–332	G 01 O	13/22
333	G 01 O	11/08
334–337	G 01 O	13/02

U.S. Class 118

Coating apparatus

(IPC B 05 C)

U.S. Subclass	IPC Subcloss	IPC Notation
13	A 01 J	27/02
	A 21 C	9/04
	A 23 G	3/20
14	A 23 G	3/28
15–17	A 23 G	3/20
18	A 21 C	9/04
19	A 23 G	3/26
20–23	A 23 G	3/20
24, 25	B 05 C	5/00
26–30	A 23 G	3/24
	B 05 C	3/00
31	B 05 C	11/16
31.5	B 41 K	1/00
32–47	B 05 C	11/00
50, 50.1	C 23 C	14/00
52–56	B 05 C	11/12
		13/00
		13/02
57–70	B 05 C	11/00
		13/00
		13/02
71	B 05 C	11/12
		13/00
		13/02
72–78	B 05 C	11/00
79	G 03 B	27/66
100–126	B 05 C	11/02
200–255	B 05 C	1/00
256	B 05 C	1/06
257	B 05 C	1/14
258–262	B 05 C	1/06
		1/08
263–271	B 05 C	11/00
300	B 05 B	7/00
	B 05 C	5/00
		15/00
301	B 05 B	15/04
	B 05 C	5/00
302	B 05 B	7/16
		15/02
	B 05 C	5/00
303, 304	B 05 B	17/00
	B 05 C	5/00
305	B 05 B	13/02
	B 05 C	5/00
306	B 05 B	13/06
	B 05 C	5/00
307	B 05 B	13/02
	B 05 C	5/00
308, 309	B 05 B	7/00
	B 05 C	5/00
		19/00
310	B 05 B	7/26
	B 05 C	5/00
311	B 05 B	7/06
		7/26
	B 05 C	5/00
312	B 05 B	7/00
	B 05 C	5/00
313–316	B 05 B	7/06
	B 05 C	5/00
317, 318	B 05 B	13/06
	B 05 C	5/00
319	B 05 B	13/02
	B 05 C	5/00
320	B 05 B	13/04
	B 05 C	5/00
321, 322	B 05 B	13/02
	B 05 C	5/00
323	B 05 B	3/00
		9/06
	B 05 C	5/00
324, 325	B 05 B	13/02
	B 05 C	5/00
326	B 05 B	1/28
		15/04
		15/12
	B 05 C	5/00
400–403	B 05 C	3/00
404, 405	B 05 C	3/02
406	B 05 C	3/00
407–415	B 05 C	3/02
416–418	B 05 C	3/00
419, 420	B 05 C	3/12
421–429	B 05 C	3/00
		19/02
500–503	B 05 C	11/14
		13/00
		13/02
504, 505	B 05 C	11/16
506	B 05 C	11/00
	B 27 K	3/02
		3/15
	G 03 F	7/16
600–612	B 05 C	11/00
620	B 05 B	5/02
	B 05 C	5/00
		9/08
621–629	B 05 B	5/02
	B 05 C	5/02
630–636	B 05 B	5/02
638	B 05 B	5/02
640–643	B 05 B	5/00
644	B 05 B	5/02
	B 41 M	1/42
	G 03 G	15/06
		15/10
645	G 03 G	15/01
647–652	G 03 G	15/06
653–656	G 03 G	15/08
657, 658	G 03 G	15/09
659–662	G 03 G	15/10
663–714	B 05 C	11/00
715–733	C 23 C	16/00

U.S. Class 119

Animal husbandry

(IPC A 01 K)

U.S. Subclass	IPC Subcloss	IPC Notation
1	A 01 K	45/00
		67/00
2–4	A 01 K	61/00
5	A 01 K	63/00
6	A 01 K	67/04
7–14	B 61 O	3/00
14.01–14.18	A 01 J	3/00
		5/00
14.19–14.21	A 01 J	3/00
14.22, 14.23	A 01 J	1/00
14.24–14.26	A 01 J	5/02
14.27	A 01 J	5/04
14.28	A 01 J	5/04
		5/14
14.29–14.53	A 01 J	5/04
14.54, 14.55	A 01 J	5/00
15–15.6	A 01 K	1/00
16–18	A 01 K	31/00
19	A 01 K	1/02
		31/18
20	A 01 K	1/02
21–23	A 01 K	31/00
24–26	A 01 K	31/12
27, 28	A 01 J	1/00
29–29.5	A 01 K	15/00
30	A 01 K	31/18
		41/02
31–34	A 01 K	31/18
35–43	A 01 K	41/00
		41/02
45	A 01 K	31/00
		31/14
46	A 01 K	33/00
47–50	A 01 K	31/14
51–70	A 01 K	1/10
		5/00
		39/00
71	A 01 K	9/00
72–81	A 01 K	7/00
82	A 01 K	29/00
83–94	A 01 K	13/00
95	A 01 K	23/00
96	A 01 K	29/00
	A 62 B	35/00
97	A 01 K	37/00
98–103	A 61 O	3/00
104	A 01 K	29/00
105	A 01 K	13/00
106	A 01 K	27/00
107–108	A 01 K	29/00
109	A 01 K	1/00
110–117	A 01 K	1/00
		3/00
118–119	A 01 K	1/06
		27/00
120–121	A 01 K	3/00
122–125	A 01 K	1/04
126–128	A 01 K	15/00
	B 68 B	1/14
129	A 01 K	29/00
130–133	A 01 K	25/00
134	A 01 K	19/00
135	A 01 K	15/00
136–146	A 01 K	29/00
147–150	A 01 K	1/00
151–157	A 01 K	29/00
158	A 01 K	29/00
	A 61 O	11/00
159–160	A 01 K	29/00

U.S. Class 122

Liquid heaters and vaporizers

(IPC F 22 B)

U.S. Subclass	IPC Subcloss	IPC Notation
1, 2	F 22 B	33/00
2–4	B 09 B	3/00
3	F 22 B	13/06
4	F 22 B	1/00
5	C 10 J	1/00
5.5–6.7	F 22 B	37/00
7	F 22 O	1/00
8	F 22 B	13/00
9	F 22 B	13/00
10	F 22 B	31/00
11	F 22 B	5/00
12	F 22 B	31/00
13–17	F 22 B	5/00
18, 19	F 22 B	5/02
20	F 22 B	33/00
21	F 22 B	1/00
		3/00
22	F 22 B	31/04
23, 24	F 22 B	31/00
25	F 22 B	31/04
26	F 22 B	3/06
	F 28 C	3/00
27, 28	F 22 B	1/02
29, 30	F 22 B	13/00
31–34	F 22 B	1/02
35	F 22 B	37/22
36	F 22 B	1/14

U.S. Class 122—Con.

U.S. Subclass	IPC Subclass	IPC Natation
37, 38	F 22 B	33/02
39–41	F 22 B	27/00
42, 43	F 22 B	11/00
44–49	F 22 B	9/00
50–52	F 22 B	9/08
		9/12
53	F 22 B	9/12
		11/00
54–67	F 22 B	9/08
		9/12
68–71	F 22 B	11/00
72–74	F 22 B	9/08
		9/12
75–78	F 22 B	9/06
79–101	F 22 B	9/08
		9/12
102–105	F 22 B	11/00
106–109	F 22 B	9/08
		9/12
110	F 22 B	9/12
111, 112	F 22 B	9/08
113	F 22 B	11/00
114–120	F 22 B	9/02
121, 122	F 22 B	9/06
123–129	F 22 B	9/02
130–134	F 22 B	11/00
135–137	F 22 B	7/00
		31/02
138	F 22 B	7/04
139	F 22 B	7/00
140, 141	F 22 B	7/04
142	F 22 B	7/12
143, 144	F 22 B	7/04
145, 146	F 22 B	7/06
147	F 22 B	7/06
		11/00
148	F 22 B	7/00
149	F 22 B	7/12
150, 151	F 22 B	7/04
		7/12
152	F 22 B	7/16
153, 154	F 22 B	7/04
155–163	F 22 B	7/00
164	F 22 B	7/18
165	F 22 B	7/00
166–172	F 22 B	7/04
173–175	F 22 B	7/04
176, 177	F 22 B	7/06
178–180	F 22 B	7/14
181	F 22 B	7/04
182	F 22 B	7/12
183–186	F 22 B	7/04
187	F 22 B	7/12
188, 189	F 22 B	5/00
190	F 22 B	5/02
191–193	F 22 B	5/00
194–207	F 22 B	5/02
208	F 22 B	37/12
209–232	F 22 B	23/00
		25/00
233, 234	F 22 B	5/00
235	F 22 B	15/00
		25/00
		37/10
236	F 22 B	15/00
		21/00
237–240	F 22 B	31/00
241	F 22 B	5/02
242, 243	F 22 B	37/12
244–246	F 22 B	21/00
247, 248	F 22 B	37/10
249–251	F 22 B	21/00
252	F 22 B	13/10
		21/00
253–255	F 22 B	17/04
		37/10
256, 257	F 22 B	17/04
258	F 22 B	17/00
		21/00
259	F 22 B	5/00
260	F 22 B	37/12
261	F 22 B	21/26
		21/28
262–264	F 22 B	15/00
265	F 22 B	17/00
		21/22
266	F 22 B	25/00
267	F 22 B	15/00
		25/00
268	F 22 B	17/00
		25/00
269	F 22 B	25/00
270	F 22 B	17/00
		25/00
271, 272	F 22 B	21/00
		25/00
273, 274	F 22 B	5/02
		21/22
		21/36
275–278	F 22 B	21/30
279	F 22 B	15/00
		21/30
280–283	F 22 B	21/30
284	F 22 B	21/04
285, 286	F 22 B	15/00
		37/10
287	F 22 B	31/04
288, 289	F 22 B	31/00
290, 291	F 22 B	17/10
292–303	F 22 B	17/10
		31/00
304	F 22 B	31/04
305–309	F 22 B	5/02
310	F 22 B	7/04
311–314	F 22 B	5/02
315	F 22 B	5/02
		17/00
316	F 22 B	5/02
		15/00
317	F 22 B	5/02
318, 319	F 22 B	5/02
		21/00
320	F 22 B	5/02
		21/00
		31/00
321–323	F 22 B	21/00
324–329	F 22 B	21/22
		21/34
330	F 22 B	21/22
		21/34
		31/04
331	F 22 B	15/00
332, 333	F 22 B	21/00
334	F 22 B	21/00
		31/00
335–337	F 22 B	21/00
338	F 22 B	21/04
339	F 22 B	21/04
		31/00
340	F 22 B	21/04
341	F 22 B	11/00
		21/04
342, 343	F 22 B	21/04
344	F 22 B	21/04
		31/00
345	F 22 B	21/00
346, 347	F 22 B	21/04
348	F 22 B	11/02
349–352	F 22 B	21/04
353, 354	F 22 B	21/00
		31/00
355–359	F 22 B	21/24
		37/12
360–365	F 22 B	37/22
366	F 22 B	37/18
367	F 22 B	23/06
		37/10
	F 2B F	1/00
368, 369	F 22 B	13/00
370	F 22 B	13/00
		31/04
371–378	F 22 B	31/00
	F 23 H	3/04
379	F 22 B	37/18
		37/48
	F 2B G	1/00
380	F 22 B	37/18
	F 2B G	1/00
381, 382	F 22 B	37/54
	F 2B F	15/00
	F 2B G	9/00
383–386	F 22 B	37/48
387	F 22 B	37/48
	F 2B G	1/00
		9/00
388	F 22 B	37/48
	F 2B G	9/00
389	F 22 B	37/48
	F 2B G	9/00
390	F 22 B	37/52
	F 2B G	9/00
391	F 22 B	9/08
		37/52
392	F 22 B	37/52
393	F 22 B	5/04
		37/18
		37/48
	F 2B G	1/00
394	F 22 B	37/18
		37/48
395	F 22 B	37/48
	F 2B G	1/12
396	F 22 B	37/48
	F 2B G	13/00
397	F 22 B	37/18
		37/48
398	F 22 B	37/48
	F 22 0	5/00
399	F 22 B	37/50
400	F 22 B	37/48
401	F 22 B	37/48
	F 2B G	9/00
402	F 22 B	37/48
403	F 22 B	37/48
	F 22 0	1/00
404	F 22 B	37/48
	F 22 0	7/04
405	F 22 B	37/48
406	F 22 0	7/00
407	F 22 0	1/00
		7/04
408–411	F 22 0	7/00
412–414	F 22 0	1/00
415	F 22 0	1/00
		5/00
417–419	F 22 0	1/00
420, 421	F 22 0	1/02
422	F 22 0	1/40
423, 424	F 22 B	11/00
	F 22 0	1/00
425	F 22 0	1/40
426–428	F 22 0	1/00
429, 430	F 22 B	37/54
	F 22 0	1/00
431	F 22 B	37/18
	F 22 0	1/00
432	F 22 0	1/00
433	F 22 B	1/00
		37/18
434	F 22 0	1/42
435–437	F 22 0	1/00
438	F 22 0	1/00
439	F 22 0	1/02
441	F 22 0	1/28
		1/32
		1/40
442, 443	F 22 0	1/28
444	F 22 0	1/02
446	F 22 0	7/00
447	F 22 B	37/46
448, 449	F 22 B	37/42
	F 22 0	5/00
450–456	F 22 0	5/26
457	F 22 0	1/12
458	F 22 0	1/12
		5/26
459	F 22 G	1/00
		3/00
	F 2B B	1/00
460	F 22 G	3/00
461–464	F 22 G	7/00
465	F 22 G	7/10
466	F 22 G	7/00
467, 468	F 22 G	3/00
		7/00
469	F 22 G	7/08
470	F 22 G	7/12
471–476	F 22 G	7/14
477	F 22 0	1/00
	F 22 G	7/14
478	F 22 G	7/14
479	F 22 G	5/00
480	F 22 G	5/04
481	F 22 G	7/08
482	F 22 G	7/02
483, 484	F 22 G	1/00
485	F 22 G	1/16
486	F 22 G	3/04
487	F 22 G	5/12
488, 489	F 16 T	1/00
	F 22 B	37/26
490	F 22 B	37/42
491, 492	F 16 T	1/00
	F 22 B	37/26
493	F 22 B	37/24
494	F 22 B	37/36
495	F 22 B	37/42
496	F 22 B	37/24
497	F 23 M	5/08
498	F 23 M	7/04
499	F 22 0	1/00
	F 23 M	5/08
500	F 22 B	13/00
501, 502	F 22 B	37/10
503	F 23 M	9/10
504	F 22 B	37/42
504.1	F 22 B	37/46
504.2	F 22 B	37/42
504.3–506	F 22 B	37/42
507	F 22 B	37/44
508, 509	F 22 B	37/22
510	F 22 B	37/24
511	F 22 B	37/06
		37/10
512	F 22 B	17/02
		37/10

U.S. Class 123

Internal combustion engines

(IPC F 02 B)

U.S. Subclass	IPC Subclass	IPC Natation
1	F 02 B	75/12
2	F 02 B	63/00
3	F 02 B	43/08
18	F 02 B	53/00
		55/00
19	F 02 B	75/00
21	F 02 B	69/06
22	F 02 B	41/00
23	F 02 B	45/00
	F 02 0	19/04
24	F 02 B	45/06
25	F 02 0	19/00
		47/00
26	F 02 B	41/00
27	F 02 B	3/00
37–39	F 02 B	75/00
41	F 01 L	13/02
		29/00
	F 02 0	27/00
41.01	F 01 P	9/00
41.02, 41.03	F 01 P	7/00
41.04–41.07	F 01 P	7/02
41.08–41.1	F 01 P	7/14
41.11–41.13	F 01 P	7/02
41.14	F 01 P	11/02
		11/20
41.15	F 01 P	5/14
		11/14
41.16	F 01 L	3/14
	F 02 F	3/18
41.17	F 01 P	9/02
41.18	F 01 P	9/00
41.19	F 01 P	3/22
41.2–41.27	F 01 P	9/02
41.28	F 02 B	75/18
41.29	F 01 P	3/00
41.3	F 01 P	9/04
41.31	F 01 P	1/06
		3/12
41.32	F 01 P	1/10
		3/16
41.33	F 01 P	11/08
41.34	F 01 P	1/06
		3/12
41.35–41.39	F 01 P	1/04
		3/06
41.4, 41.41	F 01 P	1/08
		3/14
41.42, 41.43	F 01 P	3/00
41.44–41.47	F 01 P	5/10
41.48, 41.49	F 01 P	7/10
41.5	F 01 P	11/20
41.51	F 01 P	3/20
41.52, 41.53	F 01 P	3/04
41.54	F 01 P	3/22
41.55	F 01 P	11/00
41.56	F 01 P	1/00
41.57	F 01 P	9/04
41.58, 41.59	F 01 P	7/00
41.6–41.62	F 02 F	1/34
41.63–41.66	F 01 P	7/04
		7/06
41.67–41.68	F 01 P	1/02
41.69	F 02 F	1/06
		1/30
41.7	F 01 P	1/02
41.71	F 02 F	1/02
41.72	F 02 F	1/10
41.73	F 01 P	3/02
41.74	F 02 B	75/18
41.75	F 01 P	3/02
41.76–41.78	F 01 P	3/14
41.79, 41.80	F 02 F	1/14
41.81	F 02 F	1/10
41.82	F 02 F	1/36
41.83, 41.84	F 02 F	1/10
41.85	F 01 P	1/06
		3/12
41.86	F 01 M	13/00
42	F 02 B	59/00
43, 44	F 02 B	57/00
45	F 02 B	53/00
46	F 02 B	71/00
	F 02 0	39/10
47	F 01 L	11/00
48	F 02 B	75/04
		75/36
50	F 02 B	59/00
51	F 02 B	25/08
		25/10
		75/28
52	F 02 B	75/18
53	F 02 B	25/12
54	F 02 B	75/26
55	F 02 B	75/22
56	F 02 B	75/24
57	F 02 B	75/28
58	F 02 B	75/26
59, 60	F 02 B	75/20
61	F 02 B	75/16
62	F 02 B	33/06
63	F 02 B	75/16
64	F 02 B	75/02
65	F 02 B	75/02
	F 02 0	39/04
66	F 02 B	33/04
67	F 02 B	33/44
68	F 02 B	33/00
69	F 02 B	1/08
70	F 02 B	33/22
71	F 02 B	33/10
72	F 02 B	33/20
73	F 02 B	33/04
74	F 02 B	33/12
76	F 02 B	25/00
77	F 02 B	75/00
78	F 02 B	75/04
79	F 01 L	1/28
80	F 01 L	7/00
81	F 01 L	7/00
82, 83	F 01 L	1/12
84, 85	F 01 L	1/26
86	F 01 L	1/28
87–89	F 01 L	1/12
90.1	F 01 L	1/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 123—Con.		
		3/00
	F D1 M	1/00
		9/00
	F 16 F	1/00
		13/00
	F 16 K	41/00
90.11	F D1 L	9/04
90.12–90.14	F 01 L	9/02
90.15–90.18	F D1 L	1/34
90.19–90.21	F 01 L	1/00
90.22, 90.23	F D1 L	1/26
90.24–90.26	F D1 L	1/30
90.27	F 01 L	1/02
		1/04
90.28–9.3	F D1 L	1/32
90.31	F D1 L	1/02
		1/04
90.32	F D1 L	1/06
90.33	F D1 M	1/06
		9/10
	F 16 K	41/00
90.34–90.36	F D1 M	1/06
		9/10
90.37	F 01 M	9/10
	F 16 K	41/00
90.38	F D1 M	9/10
90.39, 90.4	F 01 L	1/18
		1/20
		1/22
		1/24
		1/26
90.41, 90.42	F D1 L	1/18
90.43	F D1 L	1/18
		1/20
		1/22
		1/24
90.44	F D1 L	1/18
90.45	F 01 L	1/18
		1/20
		1/22
90.46	F 01 L	1/18
		1/24
90.47	F D1 L	1/18
90.48	F 01 L	1/14
		1/16
		1/20
		1/22
		1/24
90.49	F D1 L	1/16
90.5, 90.51	F 01 L	1/14
90.52	F D1 L	1/14
		1/20
		1/22
		1/24
90.53, 90.54	F D1 L	1/14
		1/22
90.55–90.59	F D1 L	1/14
		1/24
90.6	F D1 L	1/04
		1/08
90.61	F D1 L	1/14
		1/20
		1/22
		1/24
90.62	F 01 L	1/14
		1/20
		1/22
90.63	F 01 L	1/14
		1/24
90.64	F D1 L	1/14
90.65	F D1 L	3/10
	F 16 F	1/00
		13/00
90.66	F 16 F	13/00
90.67	F 01 L	3/10
142.5	F D2 N	17/02
143	F 02 P	23/00
144	F 02 P	21/00
145	F D2 B	9/08
	F D2 P	19/00
146	F D2 P	19/00
146.5	F 02 P	1/00
147	F D2 P	15/00
149	F D2 P	1/00
150–152	F D2 P	13/00
153, 154	F D2 P	15/00
155	F D2 P	15/06
156–161	F D2 P	15/00
162	F D2 P	15/04
163	F D2 P	15/00
164	F D2 P	5/00
169	F D2 P	1/00
179	F 02 N	17/00
180	F D2 M	1/16
182	F D1 L	13/08
183	F D2 N	13/00
184	F D2 N	17/00
185	F D2 N	1/00
186	F D2 P	9/00
187.5	F D2 M	1/16
188, 189	F D1 L	3/00
190	F D1 L	7/00
192	F D2 B	75/06
193	F D2 F	
195	F D2 F	7/00
196	F D1 M	1/00
197	F D2 B	75/32
198	F D2 B	77/00
200, 201	F D2 B	53/00
202	F D2 B	53/06
203	F D2 B	53/04
204	F 02 B	53/00
205–209	F 02 B	53/10
210, 211	F D2 B	53/12
212, 213	F D2 B	53/08
214–240	F D2 B	53/04
241–249	F 02 B	53/00
250	F D2 B	19/00
251	F D2 B	19/08
252, 253	F D2 B	19/00
254	F 02 F	1/00
255, 256	F 02 B	19/00
257	F D2 B	75/02
258, 259	F 02 B	19/10
260	F 02 B	19/00
	F 02 P	15/00
261	F D2 B	19/00
	F D2 M	
262	F 02 B	19/08
		31/00
263	F D2 B	31/00
264	F D2 B	19/00
265	F 02 B	19/16
266	F D2 B	19/00
267	F D2 M	
268	F D2 B	19/00
269	F D2 F	3/24
270	F D2 B	75/98
		77/02
271	F 02 B	19/00
272	F 02 B	51/02
273	F D2 B	19/00
274, 275	F D2 M	
276	F D2 F	3/26
	F D2 M	
277	F D2 B	19/00
	F D2 M	71/00
278	F 02 B	19/00
	F 02 M	71/00
279	F D2 F	3/26
280	F 02 B	19/00
281–285	F D2 B	19/16
286–288	F D2 B	19/18
289	F D2 B	19/04
290	F D2 B	19/08
291	F D2 B	19/18
292	F D2 B	19/02
293	F D2 B	19/18
294	F D2 B	3/00
	F 02 M	
295	F 02 B	17/00
296	F D2 M	57/04
297	F 02 M	57/06
	F D2 P	13/02
298–300	F D2 B	3/00
301	F D2 B	31/00
302, 303	F D2 B	3/00
304	F D2 M	43/00
305	F D2 B	5/00
306	F D2 B	31/00
307	F D2 F	3/24
308, 309	F D2 B	31/00
310	F D2 P	15/02
311–318	F D2 B	75/02
	F D2 D	39/02
	F D2 P	
319, 320	F D2 D	
321, 322	F 02 D	13/04
323	F D2 D	9/06
324–328	F D2 D	
329	F D2 P	5/00
330	F D2 B	33/00
331–333	F D2 O	
334, 335	F D2 P	9/00
336	F D2 D	
337	F D2 D	9/08
338	F 02 D	
339	F D2 M	3/00
340–342	F D2 D	
343	F D2 M	35/00
344	F D2 M	7/00
345–348	F D2 D	13/00
349	F D2 O	
350	F 02 D	41/00
		43/00
		45/00
351–359	F D2 D	31/00
360–362	F D2 D	41/00
		43/00
		45/00
363–374	F D2 D	31/00
375	F D2 D	1/06
376, 377	F D2 D	31/00
378–393	F 02 O	7/00
394–401	F 02 O	
402	F D2 D	9/00
403	F D2 D	9/08
404, 405	F D2 D	13/00
406–411	F 02 P	5/00
412	F 02 P	5/14
413–417	F 02 P	5/00
418, 419	F 02 P	5/06
420	F D2 P	5/00
421–425	F D2 P	5/14
426–428	F D2 P	5/00
429	F 02 B	
	F 02 M	
430	F D2 B	17/00
431	F D2 B	7/00
	F 02 M	71/00
432, 433	F D2 B	15/00
434	F 02 M	
435, 436	F 02 M	7/00
437–447	F D2 M	
448–451	F D2 M	41/00
452–467	F D2 M	
468, 469	F D2 M	55/02
470, 471	F D2 M	
472–480	F D2 M	51/00
481	F 02 O	7/00
482–494	F 02 M	51/00
495	F 02 M	37/04
		59/00
496–499	F D2 M	37/04
500–504	F D2 M	37/04
		59/20
505–509	F D2 M	37/04
510–517	F D2 M	
518–521	F D2 M	33/02
522	F D2 M	17/22
523, 524	F D2 M	17/26
525, 526	F D2 M	21/02
527	F D2 B	43/00
	F D2 M	21/04
528, 529	F D2 B	43/00
530	F D2 M	5/00
531–535	F D2 M	23/00
536	F D2 B	51/00
	F D2 M	27/00
537–539	F D2 M	27/00
540	F D2 M	15/00
		31/20
		53/00
541	F D2 M	15/00
		31/20
		53/00
542	F D2 M	15/00
		31/20
		53/00
543–548	F D2 G	5/00
	F D2 M	15/00
		23/14
		31/02
		53/00
549	F D2 G	5/00
	F D2 M	15/00
		23/14
		31/02
		31/12
		53/00
550–554	F D2 G	5/00
	F D2 M	13/02
		15/00
		23/14
		53/00
555, 556	F D2 G	5/00
	F 02 M	15/00
		23/14
		31/02
		31/04
		53/00
557, 558	F D2 G	5/00
	F D2 M	15/00
		23/14
		31/02
		43/00
559–566	F 02 B	33/00
	F 02 D	23/00
567	F D2 M	25/10
568–571	F D2 B	47/08
572–574	F 02 B	25/06
575	F D2 B	13/00
		25/00
		43/00
576	F D2 B	1/00
577	F D2 B	7/00
578	F 02 B	
579–584	F D2 B	13/00
585, 586	F D2 B	23/00
587–589	F 02 M	23/00
590	F D2 M	29/00
591	F D2 M	33/02
592	F D2 M	29/02
593	F 02 M	29/04
594, 595	F D2 P	
596–598	F D2 P	3/06
599	F 02 P	1/00
		3/06
600–605	F D2 P	3/06
606–608	F D2 P	
609–611	F D2 P	9/00
612–619	F D2 P	
620	F 02 P	3/02
621–629	F 02 P	
630–632	F 02 P	11/00
633–635	F D2 P	
636–639	F 02 P	15/08
640, 641	F D2 P	
642	F D2 P	3/12
643–656	F D2 P	
657, 658	F D2 B	
659	F D2 B	23/00
660	F D2 B	27/00
661–667	F 02 B	23/00
668	F 02 B	75/08
		77/02
669	F D2 B	75/08
		77/02
670	F D2 B	51/02
671	F D2 B	23/00

U.S. Class 124

Mechanical guns and projectors

(IPC F 41 B)

1	F 41 B	15/00
	F 41 F	7/00
2	F 41 B	7/00
		11/00
3	F 41 F	1/02
		7/00
4–9	F 41 B	3/04
	F 41 F	7/00
10	F 41 B	15/00
	F 41 F	7/00
16, 17	F 41 B	7/00
	F 41 F	7/00
18, 19	F 41 B	7/02
	F 41 F	7/00
20–22	F 41 B	7/00
	F 41 F	7/00
23–25	F 41 B	5/00
26	F 41 B	15/00
	F 41 F	1/00
		7/00
27, 28	F 41 B	15/00
	F 41 F	1/00
		27/00
29	F 41 B	15/00
	F 41 F	1/00
		23/00
31	F 41 C	19/00
	F 41 D	11/00
	F 41 F	13/02
32	F 41 C	19/12
	F 41 F	13/08
33–39	F 41 C	19/00
	F 41 D	11/00
	F 41 F	13/02
40	F 41 C	17/00
41	F 41 D	10/00
		10/00
	F 41 F	9/00
42, 43	F 41 F	9/00
44	F 41 F	9/00
45–53	F 41 C	25/00
54	F 41 B	15/00
55	F 41 B	9/00
56	F 41 B	11/00
57	F 41 B	11/08
58–61	F 41 B	11/00
62	F 41 B	1/00
63–71	F 41 B	11/00
72	F 41 B	11/02
73–77	F 41 B	11/00
78, 79	F 41 B	15/00
80, 81	F 41 B	11/00
82–85	F 41 B	9/00
86–92	F 41 B	5/00

U.S. Class 125

Stone working

(IPC B 28 D)

1, 2	B 28 D	1/00
3–5	B 28 D	1/18
6–8	B 28 D	1/22
9	B 28 D	1/20
10	B 28 D	1/16
11	B 24 B	53/00
12	B 28 D	1/02
13–15	B 28 D	1/04
16–18	B 28 D	1/06
19, 20	B 28 D	1/02
21	B 28 D	1/08
22	B 28 D	1/12
23–25	B 28 D	1/32
26	B 28 D	1/00
27–29	B 28 D	3/00
30	B 28 D	5/00
35	B 28 D	7/04
36	B 28 D	5/04
37	B 28 D	5/02
38, 39	B 28 D	5/04
40–43	B 28 D	1/26

U.S. Class 126

Stoves and furnaces

(IPC F 24 C)

1	F 24 C	1/00

U.S. Class 126—Con.

U.S. Subclass	IPC Subclass	IPC Notation
2, 3	F 23 M	3/18
	F 24 C	15/08
4	F 24 C	1/14
		13/00
5	F 24 C	13/00
6	F 24 C	1/14
7	F 24 B	7/00
		9/00
		13/04
8	F 24 C	15/08
9	F 24 C	1/16
10, 11	F 24 B	1/08
		13/04
12, 13	F 23 M	5/00
	F 24 C	15/08
14	F 24 C	15/00
15	F 24 B	5/00
16	F 23 J	3/00
17	F 24 C	15/18
18	F 24 C	15/30
19	A 21 B	1/00
19.5	F 24 B	1/00
20–20.2	A 21 B	1/08
21, 22	A 21 B	1/00
	F 24 C	15/32
23	F 24 C	1/00
24	F 24 C	15/30
25–28	A 47 J	37/00
	F 24 B	3/00
29, 30	F 24 B	3/00
31	F 24 C	13/00
32	F 24 C	15/00
33	F 24 B	9/00
34, 35	F 24 C	13/00
36	F 24 C	1/02
		3/00
37	F 24 C	15/10
38	F 24 C	5/20
39	F 24 C	3/00
40	F 24 C	3/08
41	A 47 J	37/00
	F 24 C	3/00
42	F 24 C	3/12
43	F 24 C	5/00
44	F 24 C	5/02
45	F 24 C	5/04
46–49	F 24 C	5/04
50	F 24 C	5/00
		15/08
51	F 24 C	5/00
		15/14
52	F 24 C	3/12
		5/16
53, 54	F 24 C	13/00
55	F 24 C	15/08
56	F 24 C	1/00
57	F 24 C	3/12
		5/16
58	F 24 C	1/00
59	F 24 C	1/16
59.5	A 01 G	13/06
60	F 24 C	1/00
61	F 24 C	1/14
62	F 24 C	1/00
63	F 24 C	1/14
64	F 24 C	15/08
65, 66	F 24 B	3/00
67	F 24 B	3/00
	F 24 C	1/14
68, 69	F 24 B	7/00
		13/04
70–72	F 24 B	7/00
	F 24 C	1/14
73, 74	F 24 B	13/04
75	F 24 C	1/08
76	F 24 B	5/00
77	F 24 C	1/14
78	F 24 C	13/00
79	F 24 B	5/00
	F 24 C	1/08
80	F 24 C	1/14
81	F 24 C	15/06
82	F 24 C	15/08
83	F 24 C	15/28
84	F 24 C	15/20
85	F 24 C	3/00
86	F 24 C	3/02
87, 88	F 24 C	3/04
89	F 24 C	3/02
90, 91	F 24 C	3/00
92	F 24 C	3/04
93–95	F 24 C	5/00
96, 97	F 24 C	5/04
98	F 24 C	15/00
99	F 24 H	3/00
100	F 24 B	7/00
101	F 24 0	9/00
102–104	F 24 H	3/06
105	F 24 H	9/12
106	F 24 H	3/12
107	F 24 H	9/18
108	F 24 H	3/00
109	F 24 H	3/08
110	F 24 H	3/02
111, 112	F 24 H	3/00
113	F 24 F	3/14
	F 24 H	3/00
114	F 24 H	3/00
		9/02
115, 116	F 24 H	3/00
117	F 24 H	3/12
118	F 24 H	3/00
119	F 24 H	9/14
120	F 24 B	1/18
121–124	F 24 B	7/00
125	F 24 B	1/28
126	F 24 C	15/30
127–129	F 24 C	3/00
		5/00
130	F 24 B	13/02
	F 24 C	15/12
131	F 24 B	7/00
132	F 24 B	9/04
133	F 24 B	9/04
	F 24 C	3/00
134	F 24 F	3/14
135, 136	F 23 L	5/02
137	F 24 B	1/26
138, 139	F 24 C	15/12
140	F 24 C	15/10
141	F 24 B	1/18
	F 24 C	15/22
142	F 24 B	1/18
	F 24 C	15/20
143	F 24 B	13/02
144–151	F 23 M	5/00
	F 24 B	13/02
152	F 23 H	13/00
153	F 23 H	17/08
154	F 23 H	13/00
155	F 23 H	9/04
		11/24
156, 157	F 23 H	9/00
		11/24
158	F 23 H	9/04
		11/26
159	F 23 H	9/04
		11/24
160	F 23 H	1/02
161	F 23 H	13/00
162	F 23 H	13/06
163	F 23 H	1/02
164	F 23 H	13/00
165	F 23 H	13/02
166	F 23 K	3/22
167, 168	F 23 H	17/12
169	F 23 H	11/20
170–172	F 23 H	7/18
		9/12
173	F 23 H	15/00
174, 175	F 23 H	7/08
		7/14
176–180	F 23 H	7/10
		7/16
181	F 23 H	9/02
182	F 23 H	9/00
190–198	F 23 M	7/00
	F 24 C	15/04
200	F 23 M	7/00
	F 24 D	15/04
201–203	F 24 C	15/36
204–210	A 61 F	7/00
		7/08
211–212	F 24 C	15/10
213	F 24 C	15/10
		15/22
214–218	F 24 C	15/10
219	F 24 C	15/06
		15/10
220, 221	F 24 C	15/10
222–225	F 23 G	5/00
226	F 24 C	1/00
227–229	F 24 C	3/00
		5/00
230	F 24 C	1/00
231–235	F 24 C	3/00
236	F 24 C	1/00
237, 238	F 24 C	3/00
239–241	F 24 C	5/00
242, 243	F 23 J	1/00
244	F 23 J	1/06
245	F 23 J	1/00
246	A 47 G	23/04
	F 24 C	15/18
247	F 24 C	9/00
248	F 24 C	1/00
249–254	F 24 C	3/00
255–260	F 24 C	5/04
261, 262	A 47 G	23/04
263	F 24 J	1/00
		3/00
265	F 23 C	1/00
266, 267	F 23 C	1/00
268	A 47 G	23/04
269	F 2B F	13/00
271.2	F 23 C	5/00
271.3	F 23 B	3/00
273	A 21 B	1/00
273.5	A 21 B	1/04
	F 24 C	15/34
274	A 21 B	1/00
275	A 21 B	1/52
	F 24 C	1/16
		3/14
		5/20
276	F 24 C	1/16
		3/14
		5/20
277–279	F 24 C	15/08
280	F 24 C	15/14
281, 282	A 21 C	13/00
283	F 24 B	1/08
		1/16
		13/04
284	F 24 H	1/00
285	F 23 L	3/00
		11/00
		13/00
285.5	F 23 N	3/00
286, 287	F 23 L	3/00
		11/00
		13/00
287.5	F 23 N	3/04
288–297	F 23 L	3/00
		11/00
		13/00
298	F 24 B	13/00
299–303	F 24 C	15/20
304–306	F 24 C	15/08
307–312	F 23 J	11/00
313	F 23 J	11/00
	F 24 F	5/00
314, 315	F 23 J	13/00
316	F 23 J	13/06
317	F 23 J	13/00
318	F 23 J	13/04
319	F 23 J	13/08
332–340	F 24 C	15/16
343.5, 344	E D1 C	19/45
	F 24 H	1/00
345–349	F 24 H	1/18
350, 351	F 24 H	1/00
355	F 24 H	1/10
357	F 24 B	9/00
	F 24 C	13/00
358	F 24 H	9/00
359	F 24 H	1/10
360	F 24 H	1/20
361–363	F 24 H	1/00
364, 365	F 24 H	1/00
		9/12
366	F 24 H	1/36
367, 368	F 24 B	9/00
369–369.3	F 24 0	1/00
373	A 47 J	27/00
	F 24 H	1/00
374	A 47 J	27/00
375	F 24 H	7/00
376	A 47 J	27/10
	F 24 H	1/00
377–379	A 47 J	27/06
		27/16
380	A 47 J	27/00
381, 382	A 47 J	27/00
383–386	A 47 J	27/58
387	A 47 J	27/00
388	A 47 J	27/00
389	A 47 J	27/00
390–392	A 47 J	27/00
400	F 24 H	7/00
401	F 24 J	
402–404	A 01 K	11/00
	B 44 B	7/02
405–407	B 44 B	7/02
408, 409	A 45 D	1/04
410	0 06 F	67/00
411, 412	D 06 F	75/00
413, 414	B 23 K	3/02
415, 416	F 24 J	2/42
417	F 24 J	2/00
418	F 24 J	2/46
419–423	F 24 J	2/40
424, 425	F 24 J	2/38
426	F 24 J	2/36
427	F 24 J	2/42
428–431	E 04 0	13/18
432	F 24 J	2/04
433	F 24 J	2/32
434	F 24 J	2/44
435	F 24 J	2/30
436	F 24 J	2/34
437	F 24 J	2/04
438	F 24 J	2/10
439	F 24 J	2/18
440	F 24 J	2/08
441	F 24 J	2/04
442–448	F 24 J	2/24
449	F 24 J	2/26
450	F 24 J	2/56
451	F 24 J	2/02
452	F 24 J	2/00

U.S. Class 127

Sugar, starch and carbohydrates

(IPC C 13 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B D1 J	3/00
	C 13 K	
2	B 01 J	3/00
	C 13	
3	C 13 0	1/12
4	B 02 C	
	C 13 C	
	C 13 D	
5–8	C 13 D	1/12
9	C 13 D	3/00
	C 13 J	
10	B 01 D	13/00
	C 13 0	3/16
	C 13 J	1/08
11–14	B D1 D	21/00
	C 13 D	3/00
	C 13 J	1/08
15, 16	B 01 0	9/00
	C 13 F	1/00
17–21	C 13 F	1/00
22	C 13 F	1/00
23	C DB B	30/20
24–27	A 23 N	1/00
		12/00
		15/00
	C 10 L	1/00
28	C 10 L	1/00
29	C 0B B	30/00
	C 13 F	3/00
30	C 13 F	3/00
	C 13 K	
31	C 13 K	5/00
32, 33	C 0B B	30/12
34	C 13	
36	C 13 K	
37	C 13 K	1/02
38–40	C 13 K	1/06
41	C 13 K	1/08
41.1–46.3	B 01 0	59/30
	C 13 D	3/14
42	C 13 0	
	C 13 F	
	C 13 J	
43	C 13 0	1/00
44	C 13 D	1/14
45	C 13 D	1/00
46.1–46.3	C 13 J	1/06
47	C 13 D	3/00
	C 13 J	1/04
48	C 13 0	3/00
	C 13 J	1/02
49	B 01 D	15/00
	C 13 0	3/14
	C 13 J	1/06
50–52	C 13 0	3/00
	C 13 J	1/02
53	B 01 D	15/00
	C 13 0	3/12
		3/16
	C 13 J	1/08
54	B 01 0	13/00
	C 13 D	3/16
	C 13 J	1/08
55	C 13 0	3/12
56	C 13 F	1/06
57	C 13 0	3/16
58–60	C 13 F	1/02
61, 62	C 13 F	1/00
63	C 13 F	1/04
64	C 13 F	1/08
65–71	C DB B	30/00

U.S. Class 128

Surgery

(IPC A 61 A)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 61 B	19/00
1.1	A 61 N	5/12
1.2	A 61 J	1/00
1.3–1.5	A 61 B	17/52
3–5	A 61 B	1/00
6	A 61 B	1/06
7	A 61 B	1/06
		1/30
8	A 61 B	1/06
9	A 61 B	1/22
10	A 61 B	1/26
11	A 61 B	1/06
12	A 61 B	1/00
13	A 61 B	1/06
14	A 61 0	1/00
15	A 61 B	1/24
16	A 61 B	1/06
17	A 61 B	1/32
18	A 61 B	1/06
19	A 61 0	1/00
		13/00
20	A 61 B	17/02
21	A 61 B	1/00
22, 23	A 61 B	1/06
24	A 61 H	1/00
24.1	A 61 H	29/00
24.2	A 61 H	21/00
24.3–24.5	A 61 H	29/00
25, 26	A 61 H	1/02
28	A 61 H	31/00
30–30.2	A 61 H	31/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 128—Con.		
31	A 61 H	1/02
32–43	A 61 H	1/00
44–53	A 61 H	7/00
54, 55	A 61 H	23/00
56	A 61 H	7/00
57	A 61 H	15/00
58	A 61 H	11/00
59–64	A 61 H	7/00
65, 66	A 61 H	9/00
67	A 61 H	7/00
68–74	A 61 F	5/00
75	A 61 H	1/02
76	A 61 F	5/08
76.5	A 61 H	5/00
77	A 61 F	5/10
78	A 61 F	5/02
79	A 61 F	5/00
80	A 61 F	3/00
		5/00
81	A 61 F	5/00
82	A 61 F	13/00
		15/00
82.1	A 61 N	
83–93	A 61 F	5/04
94	A 61 F	5/40
95–98	A 61 F	5/24
99, 100	A 61 F	5/28
101	A 61 F	5/26
102–111	A 61 F	5/28
112–115	A 61 F	5/30
116	A 61 F	5/32
117	A 61 F	5/30
118	A 61 F	5/34
		13/00
119, 120	A 61 F	5/30
121–126	A 61 F	5/24
127–131	A 61 F	5/46
132–135	A 61 F	13/00
136	A 61 F	5/56
137	A 61 F	5/58
138, 139	A 61 B	19/00
149	A 61 B	19/00
150	A 61 J	13/00
151	A 61 F	11/00
152	A 61 F	11/02
153	A 61 F	5/30
154	A 61 F	13/00
155	A 61 F	13/00
		15/00
	A 61 L	15/00
156	A 61 L	15/00
157	A 61 F	
		13/00
		15/00
158–162	A 61 F	5/40
163, 164	A 61 F	13/12
165	A 61 F	13/00
166–166.5	A 61 F	13/06
168–171	A 61 F	13/00
200.11–200.13	A 61 M	15/00
		16/00
200.14, 200.15	A 61 M	11/00
200.16	A 61 M	11/00
	B 05 B	17/06
200.17	A 61 M	11/00
	B 05 B	3/02
200.18	A 61 M	11/00
	B 05 B	1/26
200.19	A 61 M	11/00
	B 05 B	7/00
200.21–200.23	A 61 M	11/00
200.24	A 61 M	15/00
		16/00
	A 62 B	7/00
		9/00
		18/00
200.25	A 62 B	7/00
200.26	A 61 M	16/00
200.27	A 62 B	18/00
200.28	A 62 B	29/00
		37/00
	F 24 F	13/00
200.29	B 63 C	11/02
201.11	B 63 C	11/16
201.12–201.17	A 62 B	18/08
201.18	A 62 B	19/06
201.19	A 62 B	18/08
201.21	A 62 B	7/06
201.22–201.24	A 62 B	17/04
		18/00
201.25	A 62 B	7/10
		19/00
		23/02
201.26	A 62 B	18/08
201.27	B 63 C	11/02
201.28	A 62 B	18/10
201.29, 202.11	A 62 B	17/00
202.12	A 61 G	10/00
202.13–202.19	A 61 M	15/00
	A 62 B	7/00
202.21	A 61 M	15/06
202.22	A 61 M	16/00
	A 62 B	9/00
		70/00
	G 08 B	3/00
		5/00
202.23\202.24	A 61 M	9/00
		16/00
		70/00
202.25	A 61 M	15/02
202.26	A 61 M	15/00
		16/00
	A 62 B	7/08
		21/00
202.27	A 62 B	9/04
202.28–203.11	A 61 M	16/00
203.12	A 61 M	15/00
		16/10
203.13	A 61 M	16/00
203.14	A 61 M	15/00
		16/00
203.15	A 61 M	15/00
		16/00
	B 05 D	7/14
	B 65 D	83/06
203.16	A 61 M	15/00
		16/10
203.17	A 61 M	15/00
		16/00
	H 05 B	3/00
203.18	A 61 M	15/08
203.19, 203.21	A 61 M	15/00
		16/00
203.22–203.24	A 61 M	15/08
203.25	A 61 M	16/00
	F 16 K	11/00
	G 05 D	11/02
203.26	A 61 M	16/00
	F 23 D	11/00
		14/00
203.27	A 61 M	16/00
	H 05 B	3/00
203.28	A 61 M	16/00
203.29	A 61 M	16/00
	A 62 B	18/02
204.11	A 61 M	15/00
204.12	A 61 M	15/08
204.13, 204.14	A 61 M	15/00
		16/00
204.15, 204.16	A 61 M	16/00
	A 62 B	7/00
	F 24 F	5/00
204.17	A 61 M	16/00
	A 62 B	7/00
	F 24 J	3/00
204.18	A 61 M	16/00
	A 62 B	7/00
204.19	A 61 M	16/00
	A 62 B	7/00
	F 16 K	1/08
204.21–204.23	A 61 M	16/00
	A 62 B	7/00
	F 16 K	31/02
204.24	A 61 M	16/00
	A 62 B	7/00
	F 15 C	1/08
204.25	A 61 M	16/00
	A 62 B	7/00
		9/00
204.26–204.29	A 61 M	16/00
	A 62 B	7/04
	F 16 K	31/26
205.11	A 62 B	7/00
		9/00
	G 05 B	11/02
205.12	A 62 B	7/10
		19/00
		23/02
205.13–205.19	A 62 B	
205.21–205.23	A 62 B	7/00
		9/00
205.24	A 62 B	9/02
205.25	A 62 B	18/02
205.26	A 61 G	10/00
	A 62 B	31/00
205.27–205.29	A 62 B	7/10
		23/02
206.11	A 61 G	10/00
	A 61 M	16/00
	A 62 B	7/10
		23/02
206.12–206.16	A 62 B	7/10
		18/08
		23/02
206.17	A 62 B	18/08
		19/00
206.18, 206.19	A 62 B	7/10
		15/08
		23/02
206.21	A 62 B	18/02
206.22–206.27	A 62 B	18/08
206.28	A 62 B	18/02
206.29, 207.11	A 62 B	18/08
207.12	A 62 B	18/10
207.13	A 62 B	18/02
207.14	A 61 M	16/00
	A 62 B	9/06
207.15	A 61 M	16/00
207.16	A 61 M	16/00
	A 62 B	9/02
		9/06
207.17	A 61 M	16/00
	A 62 B	9/06
207.18	A 61 M	15/08
	A 62 B	7/00
303	A 61 B	17/00
303.1–303.17	A 61 B	17/36
303.18	A 61 B	17/36
303.19	A 61 B	17/36
304	A 61 B	17/22
305–305.5	A 61 F	17/32
306	A 61 B	1/06
307	A 61 B	17/46
	A 61 D	1/10
309	A 61 B	1/72
310	A 61 B	17/16
311	A 61 B	17/32
312	A 61 B	17/16
313–315	A 61 B	17/32
316	A 61 D	1/00
317	A 61 B	17/14
318	A 61 B	17/32
319, 320	A 61 B	17/00
321, 322	A 61 B	17/28
323	A 61 B	17/44
324	A 61 D	1/08
325–327	A 61 B	17/12
328	A 61 B	17/00
329	A 61 B	17/34
330	A 61 B	17/00
333	A 61 B	
334	A 61 B	17/04
335	A 61 B	17/08
335.5	A 61 L	17/00
336	A 61 D	1/00
337	A 61 B	17/08
339–340	A 61 B	17/06
341–343	A 61 M	29/00
344	A 61 M	29/02
345	A 61 M	29/00
346	A 61 B	17/00
352, 353	A 61 B	17/42
354	A 61 B	17/30
355	A 61 B	17/00
356	A 61 B	17/24
357	A 61 B	17/00
359, 360	A 61 J	17/00
361	A 61 B	17/42
	A 61 D	1/08
362	A 61 N	
363, 364	A 63 B	21/00
365–370	A 61 H	33/00
371–375	A 61 H	33/06
376, 377	A 61 N	
376–398	A 61 N	/00
378	A 61 N	
	H 05 C	3/00
379–398	A 61 N	
399, 400	A 61 F	7/00
401	A 61 F	7/12
402	A 61 F	7/00
403	A 61 F	7/00
419–424	A 61 N	1/00
	H 05 G	/00
425–430	A 41 C	3/00
431–440	A 41 C	1/06
441	A 41 C	3/02
442–451	A 41 C	1/06
452–459	A 41 C	3/08
460	A 41 C	3/04
461–464	A 41 C	3/00
465–477	A 41 C	1/14
478–481	A 41 C	3/10
482	A 41 C	3/02
483–511	A 41 C	3/00
512	A 41 C	3/06
513–517	A 41 C	3/00
518–520	A 41 C	1/00
521	A 41 C	1/04
522–578	A 41 C	1/00
579	A 41 C	1/08
580	A 41 C	1/00
581, 582	A 61 F	5/14
583	A 43 B	7/24
584, 585	A 61 F	5/14
586	A 43 B	7/14
587–593	A 61 F	5/14
594	A 43 B	7/14
	A 61 F	5/18
595–613	A 61 F	5/14
614	A 43 B	7/16
615–623	A 61 F	5/14
630	A 61 B	5/00
631	A 61 B	5/07
632–634	A 61 B	5/00
635	A 61 B	5/05
636–638	A 61 B	5/00
639–644	A 61 B	5/04
645–652	A 61 B	3/16
653	A 61 B	5/05
654	A 61 B	6/00
655	A 61 B	6/00
	A 61 M	5/00
656–658	A 61 B	6/00
	A 61 M	25/00
659	A 61 B	6/00
660	A 61 B	10/00
666, 667	A 61 B	5/02
		6/00
668–670	A 61 B	5/02
671	A 61 B	5/02
		5/08
672–675	A 61 B	5/02
676	A 61 B	3/12
		5/02
677–695	A 61 B	5/02
696–712	A 61 B	5/04
713–715	A 61 B	5/02
716–729	A 61 B	5/08
730	A 61 B	5/08
	B 65 D	81/00
731–733	A 61 B	5/04
734	A 61 B	5/05
735	A 61 H	39/02
736	A 61 B	5/00
737	A 61 B	5/06
738	A 61 B	10/00
739	A 61 B	15/00
740	A 61 B	19/00
741	A 61 B	15/05
742, 743	A 61 B	15/00
744	A 61 B	19/00
745	A 61 B	13/00
746	A 61 B	15/00
747	A 61 B	15/00
	A 61 M	31/00
748	A 61 B	5/00
749–759	A 61 B	10/00
760–766	A 61 B	5/00
	B 65 D	81/00
767	A 61 B	5/00
	B 65 D	33/00
		81/00
768	A 61 B	5/00
769	A 61 B	5/00
	A 65 D	81/00
770	A 61 B	5/00
771	A 61 B	5/00
	B 65 D	81/00
772	A 61 B	5/00
	A 61 M	25/00
773	A 61 B	7/00
774–782	A 61 B	5/10
783–804	A 61 N	1/00

U.S. Class 130

Threshing

(IPC A 01 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 01 F	7/00
		9/00
		12/14
2	A 01 F	11/04
4	A 01 F	5/00
5	A 01 F	7/00
		9/00
		11/06
6–9	A 01 F	11/06
10	A 01 F	5/00
13	A 01 F	11/02
20	B 65 G	3/02
21–23	A 01 F	7/00
		9/00
		12/00
24, 25	A 01 F	7/00
		9/00
		12/30
26	A 01 F	7/00
		9/00
		12/28
27	A 01 F	7/00
		12/20
		12/28
28	A 01 F	9/00
		12/18
29	A 01 F	7/00
		12/54
30, 31	A 01 D	
33	A 01 F	9/00
		11/06
		12/18

U.S. Class 131

Tobacco

(IPC A 24 F)

U.S. Subclass	IPC Subclass	IPC Notation
27	A 24 C	1/08
		5/08
		5/10
28	A 24 C	3/00
		5/00
		5/60
29, 30	A 24 C	1/32
		5/47
		5/58
	A 24 D	3/02
31	A 24 B	3/12
		9/00
		15/00
	A 24 C	5/00
32	A 24 C	1/16
		1/40
		3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 131—Con.		
33	A 24 C	1/04
		3/00
34	A 24 C	1/04
		3/00
		5/46
35	A 24 C	1/34
		3/00
		5/24
36	A 24 C	1/26
		1/28
		1/30
37	A 24 C	1/34
		5/24
38, 39	A 24 C	1/02
		3/00
40	A 24 C	1/02
		1/10
		1/16
		3/00
41	A 24 C	1/02
		1/22
		3/00
42	A 24 C	1/02
		3/00
43	A 24 C	1/02
		1/18
		3/00
44	A 24 C	1/02
		1/08
		3/00
45	A 24 C	1/18
		3/00
46	A 24 C	1/24
		1/36
		3/00
		5/12
47–54	A 24 C	1/10
		5/08
		5/44
55	A 24 C	1/00
		1/08
		1/30
56, 57	A 24 C	1/12
		1/22
		5/10
58	A 24 C	1/26
		5/08
		5/10
59	A 24 C	1/26
60	A 24 C	5/14
		5/31
61	A 24 C	5/47
		5/52
	A 24 D	3/02
62	A 24 B	15/00
	A 24 C	5/00
		5/47
63, 64	A 24 C	5/12
		5/28
65	A 24 C	5/12
		5/28
66	A 24 C	5/18
67	A 24 C	5/22
		5/24
68	A 24 C	5/26
69	A 24 C	5/24
70	A 24 C	5/02
		5/22
		5/54
71	A 24 C	5/02
		5/47
		5/56
		5/58
72	A 24 C	5/47
		5/52
		5/58
75	A 24 C	1/18
		5/06
		5/42
76	A 24 C	1/32
		5/47
		5/58
77	A 24 C	1/18
		1/20
		5/06
78	A 24 C	3/00
		5/00
		5/06
79	A 24 C	1/18
		1/20
		5/06
80	A 24 C	1/18
		1/20
		3/00
81	A 24 B	7/14
	A 24 C	1/02
		1/24
82	A 24 C	1/02
		1/18
		1/20
83	A 24 C	1/18
		1/24
		1/36
		5/12
		5/18
84	A 24 C	5/18
85	A 24 C	1/18
		1/20
		5/06
86	A 24 C	1/18
		5/06
87	A 24 C	1/20
		5/06
88	A 24 C	1/32
		5/47
89	A 24 C	1/32
		5/54
90	A 24 C	1/32
		1/34
91	A 24 C	1/32
		1/36
		5/12
92	A 24 C	1/32
		5/26
		5/54
93	A 24 C	1/32
94	A 24 C	5/47
		5/58
95	A 24 C	5/47
		5/58
96	A 24 C	1/04
105	A 24 C	1/28
106	A 24 C	1/42
107	A 24 C	1/44
108	A 24 B	7/14
109	A 24 B	1/02
		3/06
		7/14
	A 24 C	1/02
		5/39
110	A 24 B	7/14
	A 24 C	1/02
		5/39
111	A 24 B	1/10
112	A 24 B	1/10
	A 24 C	1/08
113	A 24 C	1/42
		5/60
114	A 24 C	1/42
		3/00
		5/60
115	A 24 C	1/20
116	A 24 C	1/02
		5/18
117, 118	A 24 C	1/02
		5/28
119	A 24 C	1/18
		1/20
173	A 24 F	1/14
		1/30
174	A 24 F	1/12
		5/10
		9/16
		13/16
175	A 24 D	1/12
		13/16
	A 24 F	13/02
176	A 24 F	5/10
177	A 24 F	5/10
		9/02
178	A 24 F	3/00
		13/12
179	A 24 F	
		1/08
		13/02
180, 181	A 24 F	1/26
		15/00
		23/04
182	A 24 F	3/02
		13/10
183	A 24 F	3/02
		13/10
184	A 24 F	3/02
		9/02
		9/04
185	A 24 F	3/00
		47/00
186	A 24 F	3/00
		9/14
		13/22
187	A 24 F	13/02
188, 189	A 24 F	13/08
190	A 24 F	13/02
		13/08
191	A 24 F	1/28
192	A 24 F	7/02
		13/02
193	A 24 F	1/24
194	A 24 F	1/22
		1/32
		13/04
195	A 24 F	1/22
		5/04
		13/04
196	A 24 F	1/22
		13/04
197	A 24 F	1/16
198	A 24 F	5/04
199	A 24 F	1/00
		13/00
200	A 24 D	1/04
		3/00
	A 24 F	1/00
201	A 24 D	1/04
		3/00
	A 24 F	13/06
202	A 24 D	1/04
	A 24 F	1/20
		7/04
		13/06
203	A 24 F	1/20
204	A 24 F	1/20
		5/06
205	A 24 F	1/02
		5/06
		5/08
206	A 24 F	1/02
		5/08
207	A 24 F	1/20
209	A 24 F	1/16
		13/04
210	A 24 F	1/16
		5/08
		13/04
211	A 24 F	1/04
		1/06
		1/08
		1/10
		13/04
212	A 24 F	1/04
		1/06
		1/08
		1/10
		1/16
213	A 24 F	1/02
		1/16
		13/04
214	A 24 F	5/00
215	A 24 F	1/02
		5/04
		13/04
216	A 24 F	1/16
		1/18
		13/04
217	A 24 F	1/16
		13/04
218	A 24 F	1/02
		1/16
		13/04
219	A 24 F	1/18
		1/20
		13/04
220	A 24 F	1/18
		1/20
		5/00
		5/06
221, 222	A 24 F	5/00
223	A 24 F	1/02
		5/04
		13/04
224	A 24 F	5/00
		5/06
		5/08
225	A 24 F	5/00
		7/02
		13/02
226	A 24 F	5/00
227	A 24 F	7/00
228	A 24 F	7/00
		7/02
		9/16
229	A 24 F	7/00
230	A 24 F	1/32
		13/02
231	A 24 D	1/12
	A 24 F	13/16
		19/00
232	A 24 F	19/10
233	A 24 F	13/24
		15/10
		19/10
		27/00
234	A 24 F	19/10
235–237	A 24 F	13/18
		19/14
238	A 24 F	19/10
239	A 24 F	19/12
240	A 24 F	15/08
		15/18
		19/00
		19/10
241, 242	A 24 F	19/00
		19/10
243	A 24 F	3/02
		9/04
244	A 24 F	3/02
		9/12
245	A 24 F	3/02
		9/06
246	A 24 F	3/02
		9/10
247	A 24 F	9/02
248	A 24 F	13/20
		13/24
249	A 24 F	13/24
250	A 24 F	13/24
		15/06
		15/08
		15/16
250.1	A 24 F	13/24
251	A 24 F	13/24
		15/10
		15/14
252–255	A 24 F	13/24
256	A 24 F	13/18
		19/14
257	A 24 F	9/14
		13/22
		19/00
258, 259	A 24 F	13/22
260	A 24 F	9/14
		13/22
		19/00
270–273	A 24 F	47/00
274	A 24 B	15/00
275, 276	A 24 B	15/30
277	A 24 B	15/36
278	A 24 B	15/38
279	A 24 B	15/30
280	A 24 C	5/32
		5/34
281	A 24 C	1/38
		5/60
282	A 24 C	1/14
		1/44
		5/33
283	A 24 C	5/35
284	A 24 C	1/42
		5/38
		5/60
285	A 24 C	1/14
		1/26
286–289	A 24 C	1/00
		5/00
290	A 24 B	3/10
		15/00
291–296	A 24 B	3/18
297	A 24 B	15/24
298	A 24 B	15/26
299	A 24 B	15/22
300, 301	A 24 B	1/02
		3/02
		3/04
		3/12
		90/00
302	A 24 B	1/02
		3/02
		3/12
		9/00
303	A 24 B	1/02
		3/02
		3/04
		9/00
304	A 24 B	1/02
		3/02
		3/04
		3/12
		5/00
		9/00
305–307	A 24 B	3/02
		3/06
		9/00
308	A 24 B	3/12
		15/20
309	A 24 B	15/00
		15/28
310	A 24 B	15/30
		15/42
311, 312	A 24 B	5/10
313	A 24 B	5/00
		5/02
		5/04
		5/06
		5/12
		5/18
314	A 24 B	5/00
		5/08
315	A 24 B	5/16
316, 317	A 24 B	/14
		3/18
		5/12
318	A 24 B	5/00
		5/08
319	A 24 B	5/06
320, 321	A 24 B	5/00
		5/06
		5/08
322	A 24 B	5/04
323	A 24 B	5/02
		5/08
		5/08
		5/08
324, 325	A 24 B	5/08
		5/16
326	A 24 B	5/08
		5/14
327	A 24 B	1/04
		1/06
		1/10
		3/06
		3/08
		3/15
328	A 24 F	11/00
		47/00
329	A 24 F	13/00
		17/00
		25/00
330	A 24 F	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 131—Con.		
		1/10
331	A 24 B	15/00
		15/10
		15/18
		15/30
		15/42
	A 24 D	3/06
332	A 24 B	15/28
	A 24 D	3/06
333	A 24 B	15/18
	A 24 D	3/06
334	A 24 B	15/18
	A 24 D	3/04
		3/08
		3/12
		3/14
335, 336	A 24 D	3/04
337	A 24 D	3/06
338–340	A 24 D	3/04
341–344	A 24 D	3/04
		3/06
345	A 24 D	3/06
346	A 24 D	3/04
		3/06
347	A 24 F	47/00
348	A 24 D	1/14
349	A 24 D	1/10
		1/12
		1/16
350	A 24 D	3/18
	A 24 F	1/00
351	A 24 D	1/10
352	A 24 B	15/00
353, 354	A 24 B	3/14
		15/12
355	A 24 B	3/14
		15/14
356–358	A 24 B	3/14
		15/12
359	A 24 B	15/00
360	A 24 B	1/00
361	A 24 B	1/04
	A 24 F	7/00
362, 363	A 24 D	1/04
		3/00
	A 24 F	7/00
364	A 24 D	1/00
365	A 24 D	1/02
	D 21 H	5/16
366	A 24 B	13/00
367	A 24 D	1/00
368	A 24 B	13/00
	A 24 D	1/16
369–375	A 24 B	3/14
	A 24 D	15/12

U.S. Class 132

Toilet

(IPC A 45 D)

1	A 45 D	44/00
5	A 41 G	3/00
		5/00
7	A 45 D	7/00
		19/00
9	A 45 D	1/00
		2/00
		4/00
		6/00
		8/00
		19/00
		20/00
		24/00
		26/00
10	A 45 D	2/50
11	A 45 D	24/00
31	A 45 D	2/00
32	A 45 D	2/42
33, 34	A 45 D	2/12
36	A 45 D	2/36
36.1	A 45 D	6/00
36.2	A 45 D	2/36
37	A 45 D	2/24
38	A 45 D	2/00
39	A 45 D	2/02
		2/12
40	A 45 D	2/00
41	A 45 D	2/26
42	A 45 D	2/14
43	A 45 D	2/18
44	A 45 D	2/20
45	A 45 D	24/36
46, 47	A 45 D	8/00
48	A 45 D	8/24
49	A 45 D	8/40
50, 51	A 45 D	8/02
52	A 45 D	8/10
53	A 41 G	3/00
		5/00
54, 55	A 41 G	5/00
56	A 41 G	3/00
		5/00
57	A 42 B	7/00
	A 44 B	9/00
58–67	A 42 B	7/00
68–72	A 44 B	9/06
73	A 45 D	29/00
73.5	A 45 D	29/18
	B 26 B	13/22
73.6	A 45 D	29/05
74.5	A 45 D	29/18
75	A 45 D	29/20
75.3–75.5	A 45 D	29/18
75.5	B 26 B	17/00
75.6	A 45 D	29/04
75.8	A 45 D	29/05
		29/14
76.2	A 45 D	29/20
79	A 45 D	40/00
80	A 45 D	27/22
81	A 45 D	27/22
82, 83	A 45 D	33/00
84, 85	A 45 D	44/18
88.5	A 45 D	40/30
88.7	A 45 D	40/26
89–93	A 61 C	15/00
101	A 42 B	7/00
102–104	A 45 D	24/00
105	A 41 G	5/00
106	A 45 D	8/38
107	A 45 D	24/30
108–111	A 45 D	24/16
112–116	A 45 D	24/22
117, 118	A 45 D	24/10
119	A 45 D	24/42
120, 121	A 45 D	24/16
122, 123	A 45 D	24/10
124	A 45 D	24/00
125	A 45 O	24/30
126–128	A 45 D	24/04
129	A 45 D	24/06
130	A 45 D	24/12
131–135	A 45 D	24/06
136–142	A 45 D	24/04
143	A 45 D	24/08
144–146	A 45 D	24/38
147–163	A 45 D	24/00

U.S. Class 133

Coin handling

(IPC G 07 D)

1	G 07 D	
2	G 07 D	1/06
3	G 07 D	3/00
4–6	G 07 D	1/00
8	G 07 D	9/00

U.S. Class 134

Cleaning and liquid contact with solids

(IPC B 08 B)

1	B 08 B	3/12
		6/00
		7/00
		7/02
2	C 03 C	23/00
	C 23 G	1/00
3	C 23 G	1/02
4	B 08 B	7/00
5	B 08 B	7/00
	C 23 G	1/00
6–7	B 08 B	7/00
8	B 08 B	9/04
9	B 08 B	7/00
10	B 08 B	7/04
	C 23 G	1/36
11	B 08 B	5/00
		7/04
12–13	B 08 B	7/04
14	B 08 B	1/00
15	B 08 B	1/02
16–17	B 08 B	7/02
18	B 08 B	7/04
19–20	B 08 B	7/00
	F 23 J	1/00
21	B 08 B	5/04
22.1–22.19	B 08 B	9/00
23	B 08 B	9/00
24	B 08 B	9/04
25.1–25.5	B 08 B	
	B 67 C	1/00
26–30	B 08 B	30/00
31	B 08 B	5/00
32	B 08 B	1/02
33	B 08 B	7/00
34	B 08 B	3/00
35	B 08 B	3/10
36	B 08 B	3/00
37	B 08 B	7/04
38	B 08 B	7/00
	C 23 D	17/00
39	B 08 B	7/00
40	B 08 B	7/00
	C 23 G	1/00
		5/00
41	C 23 G	1/02
42	B 08 B	7/00
43, 44	B 08 B	3/00
45	B 08 B	3/00
		3/04
46–122	B 08 B	3/00
123	B 08 B	3/00
		3/04
124–165	B 08 B	3/00
166–171	B 08 B	3/00
		9/00
172–201	B 08 B	3/00
		3/12
		6/00

U.S. Class 135

Tents, canopies, umbrellas and canes

(IPC A 45 B)

16	A 45 B	3/00
		5/00
17–19	A 45 B	21/00
19.5	A 45 B	13/00
		19/00
20, 21	A 45 B	11/00
		17/00
		23/00
		25/00
22–24	A 45 B	25/14
		25/16
25	A 45 B	19/00
26	A 45 B	19/06
27	A 45 B	25/02
28	A 45 B	25/06
29–32	A 45 B	25/00
33	A 45 B	25/18
34	A 45 B	15/00
35	A 45 B	25/20
36	A 45 B	25/18
37	A 45 B	25/12
38–43	A 45 B	25/08
44	A 45 B	25/00
48	A 45 B	25/28
65	A 45 B	1/00
		7/00
		9/00
66	A 45 B	3/00
		5/00
67	A 61 H	3/00
68–73	A 61 H	3/02
74, 75	A 45 B	9/00
76	A 45 B	9/02
77–83	A 45 B	9/04
	A 61 H	3/02
84	A 45 B	1/00
		7/00
	A 61 H	3/02
85	A 45 B	1/02
	A 61 H	3/02
86	A 45 B	9/04
	A 61 H	3/02
87	E 04 H	15/00
88	E 04 H	15/06
89	E 04 H	15/08
90	E 04 H	15/04
91	E 04 H	15/10
92	E 04 H	15/12
93	E 04 H	15/14
94	E 04 H	15/16
95	E 04 H	15/30
96	E 04 H	15/02
97	E 04 H	15/18
98	E 04 H	15/28
99	E 04 H	15/26
100	E 04 H	15/24
101	E 04 H	15/34
102	E 04 H	15/36
103	E 04 H	15/38
104	E 04 H	15/40
105	E 04 H	15/42
106	E 04 H	15/44
107, 108	E 04 H	15/46
109	E 04 H	15/48
110	E 04 H	15/50
111	E 04 H	15/52
112, 113	E 04 H	15/48
114	E 04 H	15/60
115	E 04 H	15/54
116	E 04 H	15/56
117	E 04 H	15/58
118	E 04 H	15/62
119	E 04 H	15/64
120	E 04 H	15/00
		15/32
900	E 04 H	15/02
901	E 04 H	15/00
902	E 04 H	15/00
		15/20
903	E 04 H	15/54
904	E 04 H	15/02
905	E 04 H	15/32

U.S. Class 136

Batteries

(IPC H 02 M)

131	H 02 M	7/537
133, 134	H 02 M	75/38
135	H 02 M	75/15
136, 137	H 02 M	75/21
138	H 02 M	10/60
		75/21
139	H 02 M	75/19
200	H 01 L	35/00
		37/00
201	H 01 L	35/34
		37/00
202	H 01 L	37/00
203	H 01 L	35/28
205	H 01 L	35/30
206, 207	H 01 L	35/00
		37/00
208–212	H 01 L	35/28
213–216	H 01 L	35/00
		37/00
217–222	H 01 L	35/28
223	H 01 L	35/00
		37/00
224–228	H 01 L	35/28
229	H 01 L	35/00
		37/00
230–234	H 01 L	35/02
235	H 01 L	35/06
236	H 01 L	35/12
237	H 01 L	35/08
238	H 01 L	35/16
		35/22
239	H 01 L	35/14
		35/20
240, 241	H 01 L	35/20
242	H 01 L	35/02
243	H 01 L	25/00
		31/00
	H 02 N	6/00
244–251	H 01 L	25/00
	H 02 N	6/00
252–265	H 01 L	31/00

U.S. Class 137

Fluid handling

(IPC F 16 K)

1–12	E 03 B	1/00
	F 17 D	1/00
		3/00
12.5	A 23 L	2/00
	B 67 D	1/00
13, 14	F 17 D	1/16
		1/18
15	F 16 L	55/18
	F 17 D	3/00
15.1, 15.2	F 02 B	27/00
	F 02 K	11/00
38–46	G 05 B	
	G 05 D	
47	G 05 D	13/04
		13/08
48	G 05 D	13/04
		13/08
		13/10
49	G 05 D	13/04
		13/08
50–58	G 05 D	13/10
59–62	E 03 B	7/10
	F 16 P	
65–66	F 23 D	5/16
		13/26
67–77	F 16 K	17/14
		17/40
78.1	F 16 K	17/36
		31/04
		31/12
78.2, 78.3	F 16 K	17/36
		31/04
		31/12
		31/18
	G 05 B	12/08
78.4	F 16 K	17/36
		31/44
	F 23 Q	15/04
79, 80	F 16 K	17/38
81.1, 81.2	F 16 K	17/36
82–86	F 15 B	5/00
	G 05 G	16/00
87–93	G 05 G	11/00
94	F 23 N	1/00
98–101.31	G 05 G	11/00
102–107	G 05 G	7/00
		9/00
109–122	G 05 D	11/00
123–153	F 04 B	10/00
	F 16 L	43/00
154	B 67 G	5/54
	F 04 F	1/00
155	F 04 F	1/08
156–170.6	B 67 G	5/54
	F 04 F	1/00
171–191	F 16 T	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 137—Con.		
192–196	F 16 T	1/20
197–204	F 16 T	
205	B 67 C	3/16
205.5	E D3 D	9/03
206–209	B 67 D	5/54
	F 04 F	1/00
		1/18
210, 211	F 04 F	
211.5	B 67 0	5/54
	F 04 F	1/00
212–214	B 67 D	5/54
	F 04 F	1/00
215–218	E 03 C	1/10
	F 16 K	24/00
219–222	F 16 K	
223–226	F 16 K	15/20
227–229	F 16 K	15/20
		37/00
230–234.5	F 16 K	15/20
234.6	B 60 S	3/00
	E 03 C	1/00
	E 04 H	5/00
236	E 03 B	7/00
	F 17 D	1/08
237–246.23	F 16 K	3/36
		5/22
		11/00
		51/00
247–254	F 16 K	13/00
		13/10
	F 16 L	43/00
		55/24
255–267	E D3 B	11/00
	F 17 D	1/00
268	E D3 B	11/00
	E 03 C	1/046
	F 17 D	1/00
269–271	E 03 B	
	F 17 0	
272–308	E 03 B	9/02
309–311	F 16 K	11/00
		49/00
312–314	E D3 B	
	F 16 K	23/00
315–329.4	F 16 K	43/00
		51/00
	F 16 L	55/18
330–333	F 16 K	29/00
334–341	F 16 K	49/00
	F 16 L	53/00
342	E D3 B	1/00
		7/00
	E D3 C	1/00
	F 17 D	1/00
		3/00
343	F 16 L	3/00
345–355.12	A D1 M	7/00
	B 6D P	3/30
	E D1 H	1/10
355.16–355.27	A 62 C	35/00
	B 65 H	75/34
355.28	F 16 L	3/00
356–373	F 16 L	5/00
374	F 16 L	3/00
375	F 16 L	7/00
376	F 16 L	3/00
377–382.5	E 03 B	1/00
		3/00
	F 16 K	27/08
	F 16 L	35/00
	F 16 P	1/00
	F 17 D	1/00
383–385	F 16 K	35/00
386–408	E D3 B	
	E D3 C	
	F 16 K	21/18
409–451	F 16 K	31/18
453–454	E 03 B	
	E D3 C	
	F 17 D	
454.2–454.6	F 16 K	25/00
		51/00
455	F 16 K	15/00
		17/00
456–466	F 16 K	17/00
467–467.5	F 16 K	15/00
		17/00
468	F 16 K	17/38
469–478	F 16 K	17/20
479–484	F D2 D	9/00
484.2–484.8	F 16 K	17/34
485–492.5	F 16 K	31/12
		31/36
493–493.8	F 16 K	17/26
		24/00
494	F 16 K	31/12
		31/36
495	F 16 K	31/14
496–510	F 16 K	31/12
		31/36
511–513.7	F 16 K	15/00
		17/00
		21/04
514–514.7	F 16 K	21/10
515–524	F 16 K	15/00
		17/00
		21/04
526–543–23	F 16 K	15/00
		17/00
		21/04
544–550	B D1 D	
	E 03 B	3/18
		7/07
551–559	E 03 B	7/07
	F 16 K	37/00
	F 17 D	3/00
560	E 03 B	
	E 03 C	
	F 17 0	
561	E 03 B	
	F 15 B	
562–564.5	E 03 B	7/07
565	E D3 B	5/00
		11/16
	E 03 C	1/00
		1/00
565.1, 565.2	E 03 B	5/00
566–570	E D3 B	5/00
		11/16
571–579	E 03 B	11/00
	F 17 D	1/00
580	E 03 B	1/00
		3/00
	F 16 L	27/00
581	E 03 B	11/00
	F 17 D	1/00
582	E D3 C	1/18
583–589	F 16 K	24/00
590–593	E 03 B	11/00
	F 17 D	1/00
594–597	E 03 B	
	E D3 C	
	F 17 D	
598	F 16 D	65/20
		65/32
		65/72
599–603	E 03 B	
	E 03 C	
	F 17 D	
605–607	E 03 B	
	E D3 C	
	F 17 D	
613–616.7	E D3 B	
	E D3 C	
	F 17 D	
624.11–624.22	E D3 B	
	E D3 C	
	F 17 D	3/00
625–637.5	E D3 B	
	E D3 C	
	F 17 D	
797	E D3 B	
	E 03 C	
	F 16 K	17/14
		17/40
798–799	E D3 B	
	E D3 C	
	F 16 L	
800	F 16 L	35/00
801	B 67 D	5/37
	F 16 K	21/00
802	E D3 B	
	E 03 C	
	F 16 K	
	F 17 D	
803	F 15 C	1/00
804, 805	F 15 C	4/00
806, 807	F 15 B	21/00
808–813	F 15 C	1/16
814–821	F 15 C	1/12
822, 823	F 15 C	1/14
824	F 15 C	1/20
825	F 15 C	1/04
826	F 15 C	1/08
827, 828	F 15 C	1/04
829	F 15 C	3/00
830	F 15 C	1/08
831	F 15 C	1/04
832	F 15 C	3/00
833	F 15 C	1/06
834–841	F 15 C	1/08
842	F 15 C	1/18
843–854	F 16 K	15/14
855–858	F 16 K	15/16
859, 860	F 16 K	15/14
861	F 16 K	1/00
		3/00
		5/00
		7/00
		11/00
		15/00
		17/00
862	F 16 K	1/02
		11/14
863	F 16 K	7/00
		11/14
864	F 16 K	1/14
		11/14
		15/04
865–867	F 16 K	11/14
868	F 16 K	11/14
		17/04
869	F 16 K	11/14
		31/12
870	F 16 K	11/14
		31/02
871	F 16 K	11/14
		17/04
872–874	F 16 K	1/00
875	F 16 K	1/00
		1/16
876	F 16 K	1/00
		5/00
877	F 16 K	17/02
878	F 16 K	17/04
879	F 16 K	1/14
		15/04
		17/04
880–898	E D3 B	
	E D3 C	
	F 16 K	
880	F 16 K	1/02
		17/04
		17/06
880–898	F 17 D	
881, 882	F 16 K	17/04
883, 884	F 16 K	1/00
885	F 16 K	31/12
886	F 16 K	1/02
887	F 16 K	5/00
899–899.4	A 01 G	25/09
	B 60 P	3/22
		3/30
	B 6D R	15/04
	E D1 H	1/10
		3/02

U.S. Class 138

Pipes and tubular conduits

(IPC F 16 L)

U.S. Subclass	IPC Subclass	IPC Notation
26	F 16 L	55/04
27, 28	E 03 B	7/10
30, 31	F 16 L	55/04
32–34	E D3 B	7/10
	F 16 L	53/00
35	E D3 B	7/14
	F 16 L	53/00
36	F 16 L	55/00
37–46	F 15 D	
89–92	F 16 L	55/10
93	F 16 L	55/12
94–95	F 16 L	55/10
96	B 65 0	59/00
		59/06
	F 16 L	57/00
97	F 16 L	55/18
98, 99	F 16 L	55/16
100–102	F 16 L	9/22
		13/00
103, 104	F 16 L	55/00
105	F 16 L	1/00
106, 107	F 16 L	3/00
108	F 16 L	55/00
109	F 16 L	9/00
		11/00
110	F 16 L	11/00
		57/00
111–117	F 16 L	9/18
		11/00
118–139	F 16 L	11/00
140–153	F 16 L	9/14
154	F 16 L	9/16
155	F 16 L	9/22
156–178	F 16 L	9/00

U.S. Class 139

Textiles, weaving

(IPC D 03 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	D D3 0	
2	0 D3 D	39/00
3–6	0 D3 D	27/14
7–10	0 03 0	39/02
11	D 03 0	41/00
13–16	D D3 D	37/00
17–20	D 03 C	13/00
21	D D3 D	39/16
22, 23	D D3 D	35/00
24	D D3 C	19/00
25–27	0 D3 D	39/22
28	0 03 0	13/00
29–34	D 03 0	29/00
35, 36	D 03 C	13/00
37, 38	0 03 0	39/00
39–45	0 03 0	39/10
46, 47	0 03 0	39/20
48–52	D 03 C	7/00
53	D 03 C	7/06
54	D 03 C	11/00
	D 03 0	5/00
55.1–57	D 03 C	13/00
58	D 03 C	5/00
59	D 03 C	3/00
60	0 03 C	3/14
64	0 03 C	3/00
65	D 03 C	3/06
66–68	0 03 C	1/00
69, 70	0 03 C	1/10
71, 74	D 03 C	1/06
75, 76	D 03 C	1/00
77	D 03 C	1/12
78–81	D 03 C	5/00
82–90	D 03 C	13/00
91, 92	D 03 C	9/06
93, 94	D 03 C	9/00
95	0 03 C	9/04
96	D 03 C	9/00
97	D D3 D	49/00
98	D D3 D	49/22
99–113	D D3 D	49/06
114, 115	D D3 D	49/00
116	0 03 0	49/50
116.5	0 03 0	39/00
116.6	0 D3 D	39/20
117, 118	D D3 D	13/00
119–121	D D3 D	21/00
133	D 03 0	49/24
134	0 03 0	49/44
135–140	D D3 D	35/00
141	D 03 D	49/46
142–145	0 03 0	49/24
146–152	D D3 D	49/26
153, 154	0 03 0	49/40
155	D D3 D	49/48
156	D 03 0	49/24
157	0 D3 D	49/38
158	D 03 D	49/24
159, 160	0 03 D	49/36
161–170	D D3 0	49/40
170.3–170.7	0 03 0	43/10
		49/50
171	0 03 0	43/00
172	D D3 D	43/06
173–182	D 03 0	43/00
183, 184	0 03 D	49/52
185, 186	D 03 0	49/54
187	0 03 0	49/56
188	D D3 D	49/60
189	0 03 0	49/62
		51/42
190, 191	D D3 D	49/60
192	0 03 0	49/62
193	D 03 D	49/58
194	0 03 0	41/00
	0 03 J	5/00
195	D 03 0	45/52
196.1	0 03 J	5/00
196.2	D 03 J	5/06
196.3	0 03 J	5/00
196.4	D D3 J	5/04
197	D 03 J	5/02
198	0 03 J	5/08
199–201	D D3 D	35/00
202	0 03 J	5/00
203–205	0 03 0	51/40
206–211	D 03 J	5/08
212–219	0 03 J	5/00
220–223	D D3 J	5/20
224	0 03 0	45/00
225–229	0 D3 0	45/02
230, 231	D D3 D	45/18
232, 233	0 03 0	45/32
		45/48
234–240	0 03 0	45/34
241–244	0 03 D	45/20
245–250	D 03 0	45/26
251–255	D D3 D	45/20
256–262	D 03 0	45/02
263–268	0 03 0	45/50
269–272	0 03 0	45/04
273	0 03 0	45/10
274–280	0 03 0	45/04
281–286	D 03 0	45/08
287, 288	0 03 0	45/04
289	0 03 0	45/00
291	D 03 0	49/00
292–301	D 03 J	1/22
302, 303	0 03 D	49/70
304–316	0 03 0	49/20
317–332	D 03 0	49/00
	0 03 J	1/00
333–335	0 03 C	15/00
	0 03 J	
336	0 03 D	51/00
336.4, 336.6	0 D3 D	51/34
337	D D3 D	51/20
338–340	D D3 D	51/18
341–347	D D3 D	51/40
348	D D3 D	51/18
349–353	D D3 D	51/20
354–358	D D3 0	51/28
359–367	D 03 0	51/20
368	0 03 D	51/26
		51/32
369	0 03 D	51/20
370.1–371	0 03 D	51/34
372–379	D D3 D	51/36
		51/38
380	D 03 J	3/00
381, 382	0 03 J	3/04
383	0 03 D	23/00
		25/00
384–386	D D3 D	3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 139—Con.		
387, 388	**0 03 0**	3/02
389, 390	**D 03 D**	1/04
391	**D D3 D**	27/00
392	**D D3 D**	27/04
393	**0 D3 0**	27/18
394	**0 03 D**	27/10
395	**D D2 G**	3/42
396	**D D3 D**	27/08
397, 398	**0 03 D**	27/00
		27/10
		39/18
399–401	**D 03 0**	27/12
402–406	**D D3 D**	27/06
407	**D D3 D**	23/00
408–415	**0 03 0**	11/00
416–419	**D D3 D**	23/00
		25/00
420	**0 03 0**	15/00
421–423	**D 03 0**	15/08
424, 425	**D D3 D**	15/02
426–428	**D D3 D**	15/00
429	**0 03 D**	47/00
430	**D D3 D**	47/40
431	**D D3 D**	47/42
432	**0 03 0**	47/44
433	**D 03 D**	47/46
434	**D D3 D**	47/48
435	**0 D3 D**	47/30
		47/32
436	**D D3 D**	47/26
437–439	**D 03 D**	47/24
440	**D 03 0**	47/02
		47/10
441	**D D3 D**	47/04
442	**D D3 D**	47/06
443	**0 D3 0**	47/12
444	**D 03 D**	47/14
445	**D D3 D**	47/16
446	**D 03 D**	47/18
447, 448	**0 D3 0**	47/20
449	**0 03 0**	47/00
450, 451	**D D3 D**	47/34
452	**D D3 D**	47/36
453	**D D3 D**	47/38
454	**D 03 0**	47/00
455, 456	**0 03 C**	13/00

U.S. Class 140

Wireworking

(IPC B 21 F)

1, 2	**B 21 F**	
3	**B 21 F**	27/00
4	**B 21 F**	27/04
5	**B 21 F**	27/06
6–9	**B 21 F**	27/02
10	**B 21 F**	27/00
11	**B 21 F**	27/08
12, 13	**B 21 F**	27/00
14, 15	**B 21 F**	27/02
16	**B 21 F**	27/00
17–23	**B 21 F**	27/02
24	**B 21 F**	27/00
25–50	**B 21 F**	29/00
51–57	**B 21 F**	33/00
58–70	**B 21 F**	25/00
71–71.6	**B 21 F**	45/00
72	**B 21 F**	45/08
73, 74	**B 21 F**	1/06
		45/16
75	**B 21 F**	1/06
		45/00
76	**B 21 F**	37/00
77–81	**B 21 F**	45/00
81.5	**B 21 F**	45/02
82–84	**B 21 F**	45/16
85	**B 21 F**	45/04
86	**B 21 F**	45/00
87	**B 21 G**	7/04
88	**B 21 F**	
89	**B 21 F**	35/00
90	**B 21 F**	27/12
91	**B 21 F**	45/00
92	**B 21 F**	45/16
92.1, 92.2	**B 21 F**	3/00
92.3–92.94	**B 21 F**	21/00
		45/00
93	**B 21 F**	45/00
93.2–93.6	**B 21 F**	9/02
		45/00
94, 95	**B 21 F**	45/04
97	**B 21 F**	45/10
100	**B 21 F**	45/00
101	**B 21 F**	15/00
102, 102.5	**B 21 F**	3/00
103	**B 21 F**	3/00
		35/00
104	**B 21 F**	1/06
105, 106	**B 21 F**	1/00
107–109	**B 21 F**	33/00
110	**B 21 F**	27/16
		33/00
		33/10
111	**B 21 F**	15/02
112	**B 21 F**	15/08
		27/10
113	**B 21 F**	15/02
114	**B 21 F**	15/04
115, 116	**B 21 F**	15/02
117	**B 21 F**	7/00
		15/02
118–120	**B 21 F**	7/00
		15/04
121–122	**B 21 F**	15/02
123	**B 21 F**	
	B 25 B	
	B 26 B	
123.5	**B 21 F**	9/00
	B 25 B	25/00
123.6	**B 21 F**	9/00
		11/00
		21/00
124	**B 21 F**	3/00
139–140	**B 21 F**	1/02
		11/00
		21/00
147	**B 21 F**	1/02
149	**B 21 F**	7/00

U.S. Class 141

Fluent material handling, with receiver or receiver coacting means

(IPC B 65 B)

1	**B 65 B**	1/04
		3/04
1.1	**H D1 M**	4/82
2, 3	**B 65 B**	1/04
		3/04
4–8	**B 65 B**	31/00
	B 67 C	3/00
9, 10	**B 65 B**	1/04
		3/04
11–12	**B 65 B**	1/20
13	**B 65 B**	1/04
		3/04
	B 67 C	3/00
14–17	**B 67 C**	3/00
18, 20	**B 65 B**	1/04
		3/04
		31/00
	B 67 C	3/00
21–29	**B 65 B**	1/04
		3/04
		31/00
	B 67 C	3/00
31	**B 65 B**	1/04
		3/04
		31/00
	B 67 C	3/00
32, 33	**H D1 M**	7/00
34	**B 65 B**	1/14
35, 36	**B 65 B**	1/04
		31/00
	B 67 C	3/00
37–64	**B 65 B**	31/00
65, 66	**B 65 B**	31/04
67, 68	**B 65 B**	1/08
		1/16
		3/08
		3/10
	B 67 C	3/02
69–82	**B 65 B**	1/20
		1/28
		3/13
		3/22
83	**B 65 B**	1/30
		3/26
84–93	**B 65 B**	1/04
		3/04
	B 67 C	3/02
94–96	**B 65 B**	1/30
		31/00
	B 67 C	3/02
97–113	**B 65 B**	1/04
		3/04
	B 67 C	3/02
114	**B 65 B**	3/16
115–127	**B 65 B**	1/04
		3/04
	B 67 C	3/02
128	**B 65 B**	1/34
		3/26
129–139	**B 65 B**	43/42
	B 67 C	3/00
140–143	**B 65 B**	57/02
144–191	**B 65 B**	43/42
	B 67 C	3/00
192–229	**B 65 B**	1/30
		3/28
		57/06
		57/14
	B 67 C	3/00
230	**B 65 B**	1/04
		3/04
	B 67 C	3/18
231–249	**B 65 B**	1/04
		3/04
		37/00
	B 67 C	3/00
250–284	**B 67 C**	3/26
		3/34
285–296	**B 65 B**	1/04
		3/04
	B 67 C	3/00
297–300	**B 65 B**	39/00
	B 67 C	11/00
301–330	**B 65 B**	1/04
		3/04
	B 67 C	3/00
331–345	**B 65 B**	39/00
	B 67 C	11/04
346–392	**B 65 B**	1/04
		3/00
	B 67 C	3/00

U.S. Class 142

Wood turning

(IPC B 27 C)

1, 2	**B 23 B**	3/28
	B 27 C	5/00
3, 4	**B 27 C**	9/00
5–15	**B 23 B**	3/28
	B 27 C	5/00
16	**B 27 C**	5/00
17–20	**B 23 B**	7/00
21–26	**B 23 B**	3/28
	B 27 B	5/00
27, 28	**B 23 B**	5/00
29, 30	**B 23 B**	3/28
	B 27 C	5/00
31, 32	**B 23 B**	5/00
33–35	**B 23 B**	3/28
	B 27 C	5/00
36	**B 23 B**	3/00
37–39	**B 23 B**	3/28
	B 27 C	5/00
40	**B 23 B**	5/00
41	**B 23 B**	3/28
	B 27 C	5/00
42	**B 23 B**	5/00
43, 44	**B 23 B**	3/28
	B 27 C	5/00
45, 46	**B 23 B**	3/00
47	**B 27 C**	7/00
48, 49	**B 27 C**	7/06
50	**B 27 C**	7/00
51, 52	**B 23 B**	3/28
	B 27 C	5/00
53, 54	**B 27 C**	7/04
55	**B 27 C**	7/00
56	**B 23 B**	27/00
57	**B 27 C**	7/04

U.S. Class 144

Woodworking

(IPC B 27)

1	**B 27 C**	9/00
2–12	**B 27 C**	9/00
	B 27 M	3/00
13	**B 27 M**	3/02
14	**B 27 M**	3/30
15–19	**B 27 C**	9/00
	B 27 M	3/00
20–28	**B 27 M**	3/00
28.1–28.2	**B 43 L**	23/00
28.3–28.9	**B 43 L**	23/02
29–31	**B 27 M**	3/00
33	**B 27 M**	3/00
34	**A 01 G**	23/08
35	**B 27 B**	5/00
36–48	**B 27 C**	9/00
49	**B 27 C**	5/00
50–66	**B D5 C**	1/00
		3/00
67–84	**B 27 F**	5/00
85–91	**B 27 F**	1/00
92–108	**B 27 C**	3/00
114–132	**B 27 C**	1/00
133–154	**B 27 C**	5/00
155–161	**B 27 G**	13/00
		17/00
162–184	**B 27 C**	1/00
185–191	**B 27 C**	1/00
	B 27 L	11/00
192–195	**A 47 J**	49/02
	B 27 L	7/00
196, 197	**B 27 M**	1/04
198–206	**B 27 F**	1/08
		1/16
207, 208	**B 27 L**	1/00
209–215	**B 27 L**	5/00
216, 217	**B 27 G**	5/00
218–221	**B 27 G**	13/00
222, 223	**B 27 B**	33/00
224–237	**B 27 G**	13/00
238, 239	**B 27 B**	33/00
240, 241	**B 27 G**	13/00
242–250	**B 27 B**	31/00
	B 27 C	1/12
		5/02
251, 252	**B 27 G**	19/00
		21/00
253	**B 27 B**	31/00
	B 27 C	1/12
		5/02
254, 255	**B 27 H**	1/00
256.1–256.4	**B 27 H**	1/00
258–271	**B 27 H**	1/00
278	**B 27 G**	7/00
284	**B 27 H**	5/00
285	**B 25 H**	1/12
286, 287	**B 25 H**	1/00
288.5–308	**B 25 H**	5/00
329	**B 27 M**	1/00
330	**B 27 M**	3/00
331	**B 27 M**	3/22
332	**B 27 G**	1/00
333	**B 27 J**	7/00
334	**A 01 G**	23/06
335–339	**A D1 G**	23/08
340	**B 27 L**	3/00
341–343	**B 27 L**	1/00
344	**B 27 F**	7/00
345	**B 27 F**	
346	**B 27 D**	1/00
	B 27 G	11/00
347	**B 27 F**	1/00
348	**B 27 D**	1/00
349–352	**B 27 0**	1/00
		11/00
353	**B 27 F**	7/00
354	**B 27 F**	1/00
355	**B 27 F**	
356, 357	**B 27 B**	1/00
358, 359	**B 27 M**	1/00
360	**B 27 H**	1/00
361, 362	**B 27 M**	1/02
363	**B 27 M**	
364	**B 27 K**	
	B 27 M	1/00
365	**B 27 C**	
366	**B 27 L**	7/00
367, 368	**B 27 M**	1/08
369	**B 27 L**	5/02
		7/00
370	**B 27 B**	1/00
371	**B 27 M**	1/00
372	**B 27 M**	3/00
373–375	**B 27 L**	11/00
376–379	**B 27 B**	1/00
380	**B 27 M**	1/00
381	**B 27 H**	1/00

U.S. Class 145

Woodworking tools

(IPC B 27)

1	**B 27**	
2–3.9	**B 26 B**	23/00
4–4.2	**B 27 C**	1/10
5–20	**B 27 G**	17/02
21	**B 67 B**	7/00
24–26	**B 25 0**	3/00
	B 27 G	17/08
27	**B 27 L**	9/00
29–30.5	**B 25 C**	1/00
	B 25 0	1/00
31, 32	**B 27 B**	21/00
33, 34	**B 27 B**	21/00
		21/08
35	**B 27 B**	21/00
36	**B 25 0**	1/00
46	**B 25 C**	3/00
53, 54	**B 25 B**	17/00
60.5	**B 25 G**	
61	**B 25 G**	1/00
		1/12
62, 63	**B 25 G**	1/08
64–78	**B 25 G**	
108, 109	**B 25 G**	1/00
	B 27 B	21/00
110–112	**B 25 G**	3/00
	B 27 B	21/00
113	**B 25 G**	1/00
	B 27 B	21/00
114, 114.5	**B 27 G**	15/00
115	**B 27 F**	1/08
		1/16
	B 27 G	5/00
116–124	**B 27 G**	15/00
129	**B 25 B**	29/00
	B 25 D	17/08
130	**B 25 F**	1/00

U.S. Class 147

Coopering

(IPC B 27 H)

1	**B 27 H**	5/00
2, 3	**B 27 H**	5/04
4, 5	**B 27 H**	5/02

U.S. Subclass	IPC Subclass	IPC Natatian
U.S. Class 147—Con.		
6	B 27 H	5/00
7–12	B 27 H	5/10
13–17	B 27 H	5/08
18–23	B 27 H	3/02
24	B 27 H	5/08
25–35.5	B 27 H	3/02
36–41	B 27 H	3/04
42	B 27 H	5/08
43	B 27 H	3/00
44–46	B 27 H	3/00
48	B 27 J	1/00
49	B 27 H	5/00
U.S. Class 148		
Metal treatment		
(IPC C 21 D)		
1	C 21 D	
	C 22 C	1/06
	C 22 F	
	C 23 C	
	C 23 F	
1.5	H 01 L	21/04
2–3	B 22 D	25/00
2, 3	C 21 D	8/00
2–3	C 22 F	
4–6	C 23 C	
6.1	C 23 C	22/84
6.11	C 23 C	22/70
6.14	C 23 C	22/00
6.15	C 23 C	22/08
6.16	C 23 C	22/24
		22/67
6.16, 6.17	C 23 F	7/00
6.17	C 23 C	22/07
6.2–6.21	C 23 C	22/24
		22/67
6.24	C 23 C	22/48
6.27	C 23 C	22/56
		22/57
		22/66
6.3–6.35	C 23 C	8/06
6.3–6.31	C 23 C	11/00
6.35	C 23 C	11/10
		11/11
9–9.6	B 23 K	7/00
		9/00
	B 26 F	3/06
9.5, 9.6	B 23 K	26/00
11.5	C 21 D	
12–12.7	C 22 F	
12.9	C 21 D	1/04
13	C 21 D	1/00
	C 22 F	1/00
13.1	C 21 D	1/44
		1/56
		1/68
	C 22 F	1/08
13.2	C 21 D	1/44
		1/56
		1/68
	C 22 F	1/08
14–19	C 21 D	1/48
		1/56
20	C 21 D	1/46
		1/56
20.3	C 21 D	1/56
		1/74
20.6	C 21 D	1/44
		1/56
22	B 23 K	35/22
	C 23 C	1/12
23	B 23 K	35/34
24–26	B 23 K	35/34
27–30	B 23 K	35/24
31	C 22 B	
	C 22 C	
31.5	C 22 B	
	C 22 C	
31.55–31.57	C 04 B	35/00
	H 01 F	1/04
		1/14
		7/00
33, 33.1	H 01 L	29/00
33.2	H 01 L	29/30
33.3, 33.4	H 01 L	29/12
33.5	H 01 L	29/06
33.6	H 01 L	29/12
35	C 22 C	37/00
36	C 22 C	29/00
37	C 22 C	38/40
38	C 22 C	38/40
39	C 22 C	35/00
100–105	H 01 F	1/02
108	C 21 D	1/04
	H 01 F	
110–113	H 01 F	1/04
120–122	H 01 F	1/00
125	C 21 D	1/62
126.1	C 21 D	1/00
127	C 21 D	1/00
128, 129	C 21 D	1/54
130	C 21 D	1/78
		7/00
	C 22 F	3/00
131	C 21 D	1/78
	C 22 F	3/00
132	C 21 D	1/00
133	C 21 D	1/00
	C 22 F	1/00
134	C 21 D	1/00
		6/00
	C 22 C	37/00
135–136	C 21 D	1/00
137	C 21 D	1/00
138	C 21 D	5/00
	C 22 C	37/00
139–141	C 21 D	5/00
142–144	C 21 D	1/18
145	C 21 D	1/06
146	C 21 D	1/00
147	C 21 D	9/24
148	C 21 D	1/00
149	C 21 D	1/68
150	C 21 D	1/10
		1/40
		1/42
151	C 21 D	1/08
152	C 21 D	1/06
153	C 21 D	1/00
154	C 21 D	1/10
		1/40
		1/42
155	C 21 D	1/00
156	C 21 D	9/52
157	C 21 D	1/00
158	C 21 D	1/00
	C 22 F	1/00
159	C 21 D	1/00
	C 22 F	1/04
160	C 21 D	1/00
	C 22 F	1/08
161	C 21 D	1/00
	C 22 F	1/06
162	C 21 D	1/00
	C 22 F	1/16
171	C 03 B	13/10
		15/04
172, 173	C 03 B	15/00
174, 175	C 03 B	23/00
	H 01 L	21/205
		21/365
176	H 01 L	21/322
177–185	H 01 L	21/24
		21/40
186, 187	H 01 L	21/22
		21/38
188	H 01 L	21/225
		21/385
189	H 01 L	21/223
		21/383
190, 191	H 01 L	21/22
		21/38
400	C 22 C	7/00
		11/00
		12/00
		20/00
		24/00
		25/00
		28/00
401	C 22 C	43/00
402, 403	C 22 C	
404	B 22 B	27/06
	C 22 C	
	C 22 F	3/00
405	C 22 C	
406	C 22 C	23/00
407	C 22 C	14/00
		16/00
		27/00
408	C 22 C	19/07
409	C 22 C	19/03
410	C 22 C	19/05
411	C 22 C	9/00
412	C 22 C	9/02
413	C 22 C	9/04
414	C 22 C	9/06
415	C 22 C	21/00
416	C 22 C	21/12
417, 418	C 22 C	21/06
		21/16
419	C 22 C	30/00
420	C 22 C	23/00
421	C 22 C	14/00
		16/00
		27/00
422	C 22 C	27/02
423	C 22 C	27/04
		27/06
424	C 22 C	22/00
425	C 22 C	19/07
426	C 22 C	19/03
427	C 22 C	19/05
428	C 22 C	19/05
429	C 22 C	19/03
430	C 22 C	5/00
431	C 22 C	5/06
432	C 22 C	9/00
433	C 22 C	9/02
434	C 22 C	9/04
435	C 22 C	9/06
436	C 22 C	9/01
437	C 22 C	21/00
438	C 22 C	21/12
439	C 22 C	21/06
		21/16
440	C 22 C	21/06
441	C 22 C	18/00
442	C 22 C	30/00
U.S. Class 149		
Explosive and thermic compositions or charges		
(IPC C 06 B)		
1	C 06 B	47/00
2	C 06 B	45/00
3	C 06 B	45/18
4	C 06 B	45/36
5	C 06 B	45/30
6	C 06 B	45/32
7	C 06 B	45/34
8	C 06 B	45/34
9	C 06 B	45/20
10	C 06 B	45/28
11	C 06 B	45/22
12	C 06 B	45/24
13	C 06 B	45/26
14	C 06 B	45/12
15	C 06 B	45/14
16	C 06 B	45/16
17	C 06 B	45/04
18	C 06 B	45/06
19–19.93	C 06 B	45/10
19.1–19.93	C 06 B	45/10
20	C 06 B	45/08
21	C 06 B	45/02
22	C 06 B	43/00
		47/10
23	C 06 B	41/00
24	C 06 B	41/02
25	C 06 B	41/10
26	C 06 B	41/08
27	C 06 B	41/04
28	C 06 B	41/06
29	C 06 B	39/00
30	C 06 B	39/06
31	C 06 B	39/02
32	C 06 B	39/04
33	C 06 B	37/00
34	C 06 B	37/02
35	C 06 B	35/00
36	C 06 B	47/08
37	C 06 B	33/00
38	C 06 B	33/08
39	C 06 B	33/10
40	C 06 B	33/12
41	C 06 B	33/14
42	C 06 B	33/06
43	C 06 B	33/04
44	C 06 B	33/02
45	C 06 B	31/00
46	C 06 B	31/28
47	C 06 B	31/32
48	C 06 B	31/56
49	C 06 B	31/52
50	C 06 B	31/54
51	C 06 B	31/44
52	C 06 B	31/48
53	C 06 B	31/50
54	C 06 B	31/46
55	C 06 B	31/38
56	C 06 B	31/42
57	C 06 B	31/40
58	C 06 B	31/34
59	C 06 B	31/36
60	C 06 B	31/30
61	C 06 B	31/02
62	C 06 B	31/12
63	C 06 B	31/22
64	C 06 B	31/24
65	C 06 B	31/26
66	C 06 B	31/20
67	C 06 B	31/14
68	C 06 B	31/28
69	C 06 B	31/16
70	C 06 B	31/08
71	C 06 B	31/10
72	C 06 B	31/04
73	C 06 B	31/06
74	C 06 B	47/04
75	C 06 B	29/00
76	C 06 B	29/22
77	C 06 B	29/02
78	C 06 B	29/16
79	C 06 B	29/20
80	C 06 B	29/18
81	C 06 B	29/14
82	C 06 B	29/12
83	C 06 B	29/08
84	C 06 B	29/10
85	C 06 B	29/04
86	C 06 B	29/06
87	C 06 B	27/00
88	C 06 B	25/00
89	C 06 B	25/36
90	C 06 B	25/40
91	C 06 B	25/38
92	C 06 B	25/34
93	C 06 B	25/32
94	C 06 B	25/28
95	C 06 B	25/30
96	C 06 B	25/18
97	C 06 B	25/24
98	C 06 B	25/26
99	C 06 B	25/22
100	C 06 B	25/20
101	C 06 B	25/10
102	C 06 B	25/12
103	C 06 B	25/16
104	C 06 B	25/14
105	C 06 B	25/04
106	C 06 B	25/06
107	C 06 B	25/08
108	C 06 B	25/02
108.2–109.6	O 03 O	23/00
		43/00
U.S. Class 150		
Cloth, leather and rubber receptacles		
(IPC A 45 C)		
13, 14	A 45 C	13/00
	B 65 O	57/00
		67/00
		91/00
15–27	A 45 C	13/00
	B 65 O	33/16
		39/00
		41/00
		45/00
		55/00
		77/10
28	A 45 C	1/00
		3/00
		13/00
29	A 45 C	13/04
		13/06
30–32	A 45 C	13/00
	B 65 O	57/00
33	A 45 C	13/26
34	A 45 C	1/00
		11/26
35	A 45 C	1/08
		15/00
36	A 45 C	1/00
		13/00
37	A 45 C	1/10
38	A 45 C	1/00
		13/00
39	A 45 C	11/18
40	A 45 C	11/32
41	A 45 C	11/14
42–46	A 45 C	13/00
	B 65 O	33/16
		39/00
		41/00
		45/00
		55/00
		77/10
47	A 45 C	13/18
		13/20
48–51	A 45 C	5/00
		7/00
		13/00
	B 65 O	1/00
		3/00
		11/00
		13/00
		37/00
52	B 65 B	11/00
	B 65 O	65/02
	B 65 H	81/00
53	A 41 B	3/18
		7/12
54	B 65 O	85/04
		85/06
55	A 45 C	13/00
U.S. Class 152		
Resilient tires and wheels		
(IPC B 60 C)		
1	B 60 B	9/00
2–4	B 60 B	9/00
		19/08
5–18	B 60 B	9/00
		15/04
		15/20
19	B 60 B	19/02
20–39	B 60 B	9/00
40–52	B 60 B	9/10
53–68	B 60 B	9/18
69–86	B 60 B	9/04
87–112	B 60 B	9/08
151	B 60 C	
152	B 60 C	17/00
152.1	B 60 C	19/08
153	B 60 C	23/18
154	B 60 C	19/00

U.S. Class 152—Con.

U.S. Subclass	IPC Subclass	IPC Notation
154.1	B 60 B	13/00
154.2	B 60 C	11/24
155–166	B 60 C	5/00
167–184	B 60 C	7/22
		9/00
		11/00
		27/00
185–207	B 60 C	7/22
		9/00
		27/00
185.1	B 60 C	27/06
	B 62 D	55/20
		55/24
208–245	B 60 C	11/00
		27/00
246–329	B 60 C	7/00
331.1–338.1	B 60 C	5/20
339.1–342.1	B 60 C	5/22
343.1–345.1	B 60 C	5/18
367–373	B 60 C	21/00
375–378	B 60 C	5/16
		7/24
		25/00
379.3–379.5	B 60 B	21/10
	B 60 C	15/02
380	B 60 B	21/10
	B 60 C	15/02
381.3–381.6	B 60 B	21/02
	B 60 C	15/02
		15/06
382, 383	B 60 B	21/10
	B 60 C	15/02
384–414	B 60 C	5/16
		7/24
		25/00
415–431	B 60 C	23/10
		29/00
450	B 60 C	5/00
451	D 02 G	3/48
452	B 60 C	5/01
453	B 60 C	3/02
454	B 60 C	3/04
455, 456	B 60 C	3/06
457	B 60 C	3/08
458	B 60 C	9/00
500, 501	B 60 C	5/02
502	B 60 C	21/08
503–507	B 60 C	21/14
508	B 60 C	21/10
509	B 60 C	21/12
510	B 60 C	5/02
		5/12
511	B 60 C	5/02
512	B 60 C	5/08
513	B 60 C	19/00
514, 515	B 60 C	19/04
516	B 60 C	17/00
517	B 60 C	17/04
518	B 60 C	17/01
519	B 60 C	17/02
520	B 60 C	17/04
521	B 60 C	17/10
522	B 60 C	17/08
523	B 60 C	13/02
524	B 60 C	13/04
525	B 60 C	1/00
526	B 60 C	9/18
527	D 02 G	3/48
528, 529	B 60 C	9/26
530–533	B 60 C	9/00
534	B 60 C	9/09
535	B 60 C	9/06
536	B 60 C	9/12
537	B 60 C	1/00
		9/18
538	B 60 C	9/28
539, 540	B 60 C	15/00
541–543	B 60 C	15/06
544	B 60 C	15/024
545	B 60 C	15/05
546	B 60 C	15/06
547	B 60 C	1/00
		15/00
548	B 60 C	9/02
549	B 60 C	9/02
		9/18
550, 551	B 60 C	9/02
552–554	B 60 C	15/00
555	B 60 C	13/00
		17/00
556	B 60 C	9/00
557	B 60 C	9/13
558	B 60 C	9/04
559	B 60 C	9/06
560	B 60 C	9/08
561	B 60 C	9/09
562	B 60 C	9/07
563	B 60 C	9/10
		9/11
564	B 60 C	1/00
		9/02
565	B 60 C	9/02

U.S. Class 156

Adhesive bonding and miscellaneous chemical manufacture

(IPC B 32 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 31 B	1/60
39	B 32 B	13/00
		31/00
		31/06
40	B 32 B	30/04
		31/14
41	B 32 B	31/12
		31/22
42	B 32 B	3/18
43	B 32 B	5/20
44	B 32 B	31/12
45	B 32 B	31/14
46	B 32 B	3/24
47	H 01 B	13/00
48	H 01 B	13/00
		17/34
49	B 21 F	15/02
	H 01 R	3/00
		4/00
		43/00
	H 02 G	1/14
50	H 01 B	13/00
51	H 01 B	7/02
		13/06
		13/22
52	H 01 B	13/10
		13/26
53–56	H 01 B	13/06
		13/26
57	A 01 N	1/00
		3/00
58–59	B 44 C	
60	B 31 B	1/60
	B 32 B	31/00
	B 65 B	
	B 65 C	
61	A 41 G	
	B 44 C	
	B 44 D	
62	B 32 B	31/00
		35/00
	B 43 K	
	B 43 L	
62.2–62.8	B 27 N	3/00
	B 31 D	
	B 32 B	17/00
	D 21 J	
63	B 44 C	
64	B 65 C	
	G 01	
65	E 06 B	9/26
66	A 41 H	37/00
	A 44 B	19/00
67	B 44 C	
	B 44 D	
	B 44 F	1/00
	C 09 K	11/00
68	C 14 B	1/02
		15/00
69	B 65 B	7/00
70	A 41 H	
	B 32 B	3/00
	B 65 B	11/00
71	E 04 B	2/00
	E 04 F	13/00
72	A 46 D	1/00
	B 32 B	5/00
	D 05 C	15/00
73.1–73.2	B 32 B	31/16
73.3	B 32 B	31/13
73.4	B 32 B	31/16
73.5	B 29 C	65/06
73.6	B 32 B	31/16
74	B 32 B	31/16
75	B 32 B	31/00
	G 01 M	1/00
76	D 21 D	3/00
	D 21 H	5/08
77–79	B 32 B	5/18
		31/14
80	B 29 C	65/00
81	A 63 B	37/02
		39/00
	B 32 B	1/06
82	B 32 B	31/12
		31/26
	B 44 D	5/00
83	B 32 B	31/02
		31/14
84–86	B 32 B	31/00
87	B 32 B	31/00
88	D 03 D	47/50
	D 06 C	25/00
89	C 03 B	29/00
	C 04 B	33/34
		37/00
90	B 32 B	33/00
91	B 32 B	7/04
92–93	B 32 B	7/08
94	B 32 B	35/00
95–96	B 32 B	
	B 60 C	11/00
		21/00
97	B 60 C	21/02
		21/06
98	B 32 B	35/00
99–100	B 32 B	17/00
	C 03 C	27/00
	G 02 B	
	G 02 C	7/00
101–107	B 32 B	17/00
		31/00
	C 03 C	27/00
108	B 60 J	1/00
	E 06 B	3/00
		5/00
		7/00
109	C 03 C	27/00
	E 06 B	3/24
110.1, 111	B 29 C	35/00
112	B 29 C	
113	B 29 C	
114	B 29 D	30/66
115	B 60 C	21/08
116	B 29 B	17/00
117	B 29 D	30/00
118	B 29 C	
119	B 29 C	
120–121	B 60 C	29/00
122	B 29 C	65/00
123	B 29 D	30/00
124	B 60 C	9/14
		9/16
125	B 29 C	
126–127	B 29 D	30/58
128.1, 130.7	B 29 D	30/08
131–132	B 29 D	30/32
133, 134	B 29 D	30/16
135	B 29 D	30/32
136	B 29 D	30/48
137	B 29 D	17/00
	F 16 G	1/00
138	F 16 G	1/00
139–142	F 16 G	5/00
143, 144	B 31 C	
145	A 63 B	39/00
		41/00
	B 32 B	31/00
146	A 63 B	39/00
		41/00
147	A 63 B	39/00
		41/00
	B 32 B	31/00
148, 149	B 32 B	
	D 03	
	D 04	
150, 151	C 25 D	/00
152	B 32 B	31/00
	C 09 J	
153, 154	B 32 B	31/00
155	B 32 B	31/00
	C 09 J	
156	B 65 C	3/26
157	B 31 F	5/00
	B 65 H	19/00
		69/02
	G 03 D	15/04
158	B 65 H	69/02
159	B 31 F	5/00
	G 03 D	15/04
160	B 32 B	31/00
	C 09 J	
161	B 32 B	
	B 65 H	81/00
162	B 31 C	
163	B 32 B	31/00
	C 09 J	
164	B 32 B	31/08
165	B 32 B	31/00
166	B 32 B	
167	D 04 H	3/16
168	D 04 H	
169–175	B 31 C	
	B 65 H	81/00
176–179	B 32 B	5/00
		29/02
180	D 04 H	3/08
181	D 04 H	3/08
182	B 32 B	31/00
	C 09 J	
183	B 31 F	1/12
184–195	B 31 C	
	B 65 H	81/00
196	B 31 F	
197	B 31 D	3/02
198	B 29 C	49/00
199–202	B 31 F	1/00
203	B 29 C	53/00
204	B 31 F	
205, 206	B 31 F	1/22
207	B 31 F	1/22
		1/32
208	B 31 F	1/22
209	B 31 F	
210	B 31 F	1/20
212–215	B 65 C	
216	B 32 B	3/04
217, 218	B 29 C	53/00
219	B 31 F	
220–227	B 31 F	
228, 229	B 29 C	
	B 32 B	31/00
230	B 44 C	
		1/165
231	B 29 B	
232–241	B 44 C	
242, 243	B 29 B	
247–249	B 32 B	31/00
	C 09 J	
250–271	B 32 B	31/00
272.2–275.7	B 32 B	31/00
276	B 32 B	31/00
	C 09 J	
277	B 32 B	31/00
	B 41	
278–280	B 05 B	
	B 32 B	31/00
281–283	B 32 B	31/00
	C 09 J	
284	B 32 B	31/00
	C 09 J	
288, 289	B 32 B	31/00
	C 09 J	
290	B 32 B	31/00
291	B 32 B	7/14
292	B 32 B	31/00
293, 294	B 32 B	31/00
295	B 32 B	31/00
	C 09 J	
296	B 32 B	
297	B 32 B	31/00
	B 65 C	
298	B 32 B	31/00
299	B 32 B	31/00
	B 65 C	
300–302	B 32 B	31/00
303	B 32 B	31/00
	B 65 C	
303.1	B 29 C	
304.1–304.7	B 29 C	65/00
305	C 09 J	5/00
306.3	C 09 J	5/00
306.6, 306.9	C 09 J	5/10
307.1	B 32 B	31/26
307.3, 307.5	C 09 J	5/02
307.7	B 32 B	31/26
308.2, 308.4	B 32 B	31/20
308.6, 308.8	C 09 J	5/02
309.3	C 09 J	5/02
309.6, 309.9	B 32 B	31/20
310	B 32 B	7/00
311, 312	C 09 J	5/00
313	C 09 J	7/00
314–319	C 09 J	5/04
320	B 65 C	9/25
		11/06
	C 09 J	5/06
321	B 29 C	67/00
	C 09 J	5/06
322–324	B 65 C	9/25
	C 09 J	5/00
324.4	C 09 J	5/02
325–327	C 09 J	
328	C 09 J	3/02
		3/18
329, 330	C 09 J	
330.9–331.9	C 09 J	3/14
		3/16
332–335	C 09 J	
336	C 09 J	3/02
		3/18
337	C 09 J	3/30
338	C 09 J	3/12
344	B 32 B	
345	C 23 F	1/02
346–348	B 28 B	
	B 32 B	13/00
349–352	B 32 B	31/00
	G 05 G	15/00
353–355	B 26 D	5/00
	B 32 B	31/00
356, 357	B 05 B	
358–360	B 32 B	31/00
	G 05 G	15/00
361	B 32 B	31/00
	B 65 H	26/00
362, 363	B 32 B	31/00
	B 65 C	9/40
364–368	B 32 B	31/00
	G 05	
378	G 01	
379	B 32 B	31/00
379.6–380.9	B 27 G	11/02
	B 31 F	5/04
	B 32 B	31/24
381, 382	B 32 B	31/00
383	B 32 B	
384–388	B 32 B	
	B 41 M	
389	B 32 B	
390	B 05	
	B 32 B	
391	B 32 B	
392	B 32 B	
	B 65 H	81/00
393	B 32 B	
	D 03	
	D 04	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 156—Con.		
394.1	B 27 H	17/00
395, 396	B 27 H	17/00
397	B 29 D	30/08
398–403	B 29 D	30/18
404	B 29 C	
405.1–413	B 29 D	30/08
414–419	B 29 D	30/24
420	B 29 D	30/16
421	B 29 D	30/00
421.2–421.8	B 29 D	30/00
422	B 29 D	30/48
423	B 29 C	
424	H 01 K	
425–432	B 31 C	
	B 65 H	81/00
433	B 65 H	
	D 04 H	
434	B 32 B	
	H 01 M	
435	D 04 H	11/08
436	B 65 H	
	D 04 H	
437	B 29 C	
438–440	B 65 H	
	D 04 H	
442, 442.4	B 43 M	
443	B 31 F	
	B 65 C	
444	B 65 C	9/28
445	A 63 B	
446	B 65 C	3/12
		3/16
		9/04
447	B 65 C	9/06
448–456	B 65 C	9/04
457	B 65 C	3/12
		3/16
		9/04
458	B 65 C	9/04
459	B 31 F	1/00
460	B 29 D	29/06
		30/48
461	B 31 F	1/00
462	B 31 F	1/20
463	B 31 F	
464	B 32 B	31/00
	B 65 C	
466	B 29 D	23/00
	B 31 F	
467, 468	B 31 F	
469–473	B 31 F	1/00
474	B 31 F	1/34
475	B 65 C	
476	B 32 B	
477.1	B 42 C	9/00
	B 65 C	3/00
478	B 32 B	3/04
	B 65 C	
479, 480	B 32 B	3/04
481	B 32 B	
	B 65 C	
482–493	B 65 C	
494–496	B 32 B	31/00
497–499	B 32 B	31/00
	C 09 J	
500	B 29 B	
501	B 29 B	15/00
502	B 31 F	5/00
	B 65 H	19/00
		69/02
	G 03 D	15/04
503	B 29 C	
504	B 65 H	19/08
505, 506	B 31 F	5/00
	G 03 D	15/04
507–509	G 03 D	15/04
510–527	B 32 B	31/00
528	B 43 M	
529–535	B 32 B	31/00
536	B 32 B	
537–539	B 32 B	31/00
540–542	B 44 C	
543–553	B 32 B	31/04
554, 555	B 31 F	5/00
556	B 31 F	5/00
	B 32 B	31/00
	B 65 H	29/00
557–563	B 32 B	31/00
564, 565	B 65 C	9/08
566–568	B 65 C	9/00
569	B 65 C	9/08
	B 65 H	
570–573	B 65 C	9/08
574–577	B 44 C	7/00
		7/04
		7/06
		7/08
	E 04 D	15/00
578	B 65 C	11/04
579	B 32 B	31/00
	C 09 J	
580	B 23 K	27/00
	B 30 B	
	B 32 B	31/00
581, 582	B 32 B	31/00
583.1–583.91	B 30 B	5/02
		5/04
		15/34
584	B 32 B	
598	B 32 B	31/00
625	B 44 C	1/22
	C 25 F	3/00
626, 627	H 01 L	21/306
628–632	B 44 C	1/22
	C 03 C	15/00
		25/06
	H 01 L	21/306
633	B 44 C	1/22
	C 03 C	15/00
		25/06
	H 01 L	21/306
		21/312
634	B 44 C	1/22
	C 23 F	1/00
	H 01 L	21/306
635–639	B 44 C	1/22
	C 03 C	15/10
		25/06
	C 23 F	1/00
	H 01 L	21/306
640, 641	B 41 C	1/00
	B 44 F	1/22
	C 03 C	15/00
		25/06
	H 01 L	21/306
642, 643	B 44 C	1/22
	C 03 C	15/00
		25/06
	C 23 F	1/00
	H 01 L	21/306
644	B 23 P	15/00
		25/06
	C 23 F	1/00
645–647	B 44 C	1/22
	C 03 C	15/00
		25/06
	C 23 F	1/00
	H 01 L	21/306
648, 649	H 01 L	21/306
		21/312
650–653	B 44 C	1/22
	C 03 C	15/00
		25/06
	C 23 F	1/00
	H 01 L	21/306
654, 655	B 44 C	1/22
	H 01 L	21/312
656	B 44 C	1/22
	C 23 F	1/00
	H 01 L	21/312
657	B 44 C	1/22
	C 03 C	15/00
		25/06
	H 01 L	21/312
658	B 44 C	1/12
659.1–661.1	B 44 C	1/22
	C 03 C	15/00
		25/06
	C 23 F	1/00
	H 01 L	21/312
662, 663	B 44 C	1/22
	C 03 C	15/00
		25/06
	H 01 L	21/306
664–666	B 44 C	1/22
	C 23 F	1/00
		3/00
667	C 23 F	1/00
668	B 29 C	37/00
906, 907	B 29 D	30/38
909	B 29 C	

U.S. Class 157

Wheelwright machines

(IPC B 60 C)

1.1	B 60 C	25/00
1.11–1.2	B 60 C	25/06
1.21	B 60 C	25/12
1.22, 1.24	B 60 C	25/08
1.26, 1.28	B 60 C	25/06
1.3	B 60 C	25/04
1.33–1.49	B 60 C	25/06
1.5, 1.55	B 21 K	1/34
2–4	B 27 H	7/00
5, 7	B 60 C	25/20
8–10	B 27 H	7/00
11	B 60 C	25/00
12	B 27 H	7/00
13	B 29 D	30/68
14–21	B 60 C	25/00

U.S. Class 159

Concentrating evaporators

(IPC B 01 D)

1	B 01 B	
	B 01 D	1/00
2	B 01 D	1/28
3–4	B 01 D	1/16
5–7	B 01 D	1/22
8	B 01 D	1/14
		1/22
9–15	B 01 D	1/22
16	B 01 D	1/14
17–20	B 01 D	1/26
21	B 01 D	1/00
	C 13 G	1/00
22–24	B 01 D	1/00
25	B 01 D	1/00
		1/30
26	B 01 D	1/04
27	B 01 D	1/06
28	B 01 D	1/00
29	B 01 D	1/00
30	B 01 D	1/30
31	B 01 D	1/00
32	B 01 D	1/00
	C 13 G	1/00
33	B 01 D	1/30
34	B 01 D	1/00
35	B 01 D	1/00
	B 01 L	7/02
36–41	B 01 D	1/00
42	B 01 D	1/30
43.1, 43.2	B 01 D	1/00
44	B 01 D	1/00
45	B 01 D	1/00
		9/00
46	B 01 D	1/00
47.1–47.3	B 01 D	1/00
	F 26 B	7/00
48.1	B 01 D	1/16
48.2	F 26 B	3/12
49	B 01 D	1/22

U.S. Class 160

Closures, partitions and panels, flexible and portable

(IPC E 04 F)

1–9	E 05 F	15/20
10	G 08 B	13/08
11	A 47 L	1/00
12–17	E 06 B	9/52
19	E 06 B	9/00
20–22	E 04 F	10/00
	E 06 B	9/00
23–31	A 47 H	1/00
	E 04 F	10/06
	E 06 B	9/08
32–36	E 04 F	10/08
	E 06 B	9/26
37–39	E 04 F	10/00
	E 06 B	9/00
40–43	E 06 B	7/16
		7/18
44	E 06 B	7/14
45–52	E 04 F	10/00
53	E 04 F	10/00
54	E 04 F	10/00
55	E 04 F	10/06
56–58	E 04 F	10/02
59, 60	E 04 F	10/00
61	E 04 F	10/08
62	E 04 F	10/10
63	E 04 F	10/02
64, 65	E 04 F	10/00
66–75	E 04 F	10/06
76	E 04 F	10/02
77–83	E 04 F	10/00
84	A 47 H	5/00
	E 06 B	3/94
85, 86	A 47 H	1/00
87–107	A 47 H	1/00
	E 06 B	3/32
108–112	A 47 H	1/00
	E 06 B	9/08
113–119	E 06 B	3/48
120–122	A 47 H	1/00
	E 06 B	9/08
123–126	A 47 H	1/00
127, 128	E 06 B	9/00
129–132	E 06 B	3/48
		9/00
133	E 06 B	9/08
134	E 06 B	3/94
135	A 47 G	5/00
136–165	E 06 B	3/92
166–167	E 06 B	9/26
168–173	E 06 B	9/30
174–176	E 06 B	9/26
177, 178	E 06 B	9/38
179	E 06 B	3/80
180	E 06 B	7/28
181–187	E 05 D	3/48
		3/96
		15/00
188–193	E 05 F	11/00
		13/00
		15/00
194–198	E 05 D	15/06
199	E 05 D	15/26
200	E 05 D	3/48
		3/96
		15/06
201–205	E 05 D	15/06
		15/16
		15/26
206, 207	E 05 D	15/26
208–213	E 05 D	15/00
		15/26
214	E 05 D	15/00
215–236	E 06 B	3/12
		9/00
237	A 47 H	23/00
238–265	A 47 G	5/02
	A 47 H	1/00
266–289	A 47 H	3/00
	E 06 B	9/17
290	A 47 G	5/02
	A 47 H	1/00
291–308	E 06 B	9/208
309–322	A 47 G	5/02
	A 47 H	1/00
309–332	E 06 B	9/20
323–325	A 47 H	1/13
		1/20
326	A 47 H	1/13
327–329	A 47 H	23/00
	E 06 B	3/80
330–339	A 47 H	1/00
340–341	A 47 H	5/00
342	A 47 H	5/04
343	A 47 H	5/06
344–347	A 47 H	5/00
348	A 47 H	13/14
349	A 47 H	1/00
350	A 47 H	7/00
351	A 47 G	5/00
352	E 06 B	9/00
		9/24
353	A 47 G	5/00
	E 06 B	3/30
		3/80
		9/24
354	A 47 H	23/00
368	A 47 H	3/00
		15/00
	E 06 B	3/00
368.2	A 47 G	9/00
369–370	A 47 H	3/00
		15/00
	E 06 B	3/00
371–381	A 47 G	5/00
	E 06 B	3/30
		9/24
382	A 47 H	3/00
		23/00
383–404	A 47 H	13/00
405	A 47 H	33/00

U.S. Class 162

Paper making and fiber liberation

(IPC D 21 F)

1	D 01 B	
	D 01 C	
	D 21 B	
	D 21 C	
2	D 01 C	3/00
3	C 03 B	37/00
4	D 21 B	1/08
		1/32
	D 21 C	5/02
5–8	D 21 C	5/02
9	D 21 C	9/00
10–11	D 21 C	9/00
	D 21 D	3/00
12	D 21 D	3/00
13	D 21 C	3/00
	D 21 F	
14	D 21 C	11/00
15	D 21 C	11/06
16	D 21 C	11/00
17–19	D 21 C	3/26
20	D 01 B	1/14
	D 21 C	
21–22	D 21 B	1/36
23	D 21 B	1/12
		1/30
24–25	D 21 B	1/16
26–27	D 21 B	1/04
28	D 21 B	1/04
	D 21 C	3/26
29	D 21 C	11/00
30.1–35	D 21 C	11/12
		11/14
36	D 21 C	11/02
		11/12
		11/14
37–46	D 21 C	
47	D 21 C	11/06
48	D 21 C	
		7/14

U.S. Class 162—Con.

U.S. Subclass	IPC Subclass	IPC Notation
49	D 21 C	7/14
50	D 21 C	5/00
51	D 21 C	11/08
52	D 21 C	1/10
		5/00
		7/06
		7/08
53–54	D 21 C	1/10
		5/00
		5/02
		9/08
55	D 21 C	9/08
56	D 21 C	5/00
		9/00
57–58	D 21 C	3/22
		7/00
59	D 21 C	7/14
50	D 21 C	9/02
61	D 21 C	7/12
	G D1 N	
	G 05	
62	D 21 C	7/12
	G D1 N	
63–69	D 21 C	
70–71	D 21 C	
72	D 21 C	3/20
73	D 21 C	3/18
		3/20
74–77	D 21 C	3/20
78–80	D 21 C	3/00
81	D 21 C	3/16
82	D 21 C	3/00
83	D 21 C	3/04
84	D 21 C	3/04
		3/26
85	D 21 C	3/18
		3/26
86	D 21 C	3/02
		3/04
		3/26
87	D 21 C	3/18
88	D 21 C	3/18
		3/26
89	D 21 C	3/02
		3/26
90	D 21 C	3/02
91	D D1 C	
	D 21 C	
92	D D1 B	1/50
	D D1 C	1/00
93–97	D D1 C	1/00
	D 21 C	5/00
98	D D1 B	
	D D1 C	1/02
	D 21 C	5/00
99	D D1 C	1/00
	D 21 C	5/00
100	D 21 D	3/00
	D 21 F	
	D 21 H	
	D 21 J	
101	D 21 D	3/00
	D 21 H	3/00
102	D 21 H	5/26
103	B 32 B	5/20
	D 21 D	3/00
104	D 21 D	3/00
	D 21 H	1/08
105–106	D 21 D	3/00
	D 21 H	3/82
	E 04 C	1/62
107	D 21 D	3/00
	D 21 H	3/82
108	D 21 D	3/00
	D 21 H	1/08
109	D 21 H	5/02
110	D 21 F	1/44
	D 21 H	5/00
111–113	B 31 F	1/12
	D 21 H	5/24
114	D 21 F	11/00
	D 21 H	5/02
115–117	D 21 F	11/00
		13/00
118	B 31 C	
	D 21 F	5/00
	D 21 H	1/00
119–122	D 21 F	13/00
	D 21 H	1/00
	D 21 J	5/00
123–133	D 21 F	11/00
		13/00
	D 21 H	1/02
134	D 21 F	11/00
		13/00
	D 21 H	5/02
135	D 21 F	11/00
		13/00
	D 21 H	1/10
136	D 21 F	11/00
		13/00
	D 21 H	1/48
137	D 21 F	11/00
		13/00
	D 21 H	1/10
138	D 21 F	11/00
		13/00
	D 21 H	1/12
		3/00
139	D 21 F	11/00
	D 21 H	5/16
140	D 21 F	11/00
	D 21 H	5/10
141–144	D 21 F	11/00
	D 21 H	5/12
145	D 21 F	11/00
	D 21 H	5/18
146–149	D 21 F	11/00
	D 21 H	5/12
150	D 21 F	11/00
	D 21 H	5/14
151	D 21 F	11/00
	D 21 H	5/12
152	D 21 F	11/00
	D 21 H	5/18
153	D 21 F	11/00
	D 21 H	5/18
154	C 04 B	14/40
	D 21 F	11/00
	D 21 H	3/66
		5/18
155	D 21 F	11/00
	D 21 H	5/18
156	D 21 F	11/00
	D 21 H	5/18
157.1–157.7	D 21 F	11/00
	D 21 H	5/12
158	D 21 D	3/00
	D 21 F	11/00
	D 21 H	
159	D 21 D	3/00
	D 21 H	3/00
160, 161	D 21 D	3/00
	D 21 H	5/22
162	D 21 D	3/00
	D 21 H	3/80
		3/82
163	D 21 D	3/00
	D 21 H	3/02
164.1–164.7	D 21 D	3/00
	D 21 H	3/36
165	D 21 D	3/00
	D 21 H	3/50
166–167	D 21 D	3/00
	D 21 H	3/52
		3/58
168.1–168.7	D 21 D	3/00
	D 21 H	3/40
		3/46
169	D 21 D	3/00
	D 21 H	3/40
170	D 21 D	3/00
	D 21 H	3/64
171	D 21 D	3/00
	D 21 H	3/06
172–173	D 21 D	3/00
	D 21 H	3/04
174	D 21 D	3/00
	D 21 H	3/14
175–176	D 21 D	3/00
	D 21 H	3/20
177	D 21 D	3/00
	D 21 H	3/22
178	D 21 D	3/00
	D 21 H	3/20
179	D 21 D	3/00
	D 21 H	3/08
180	D 21 D	3/00
	D 21 H	3/34
181.1–181.9	D 21 D	3/00
	D 21 H	3/66
182	D 21 D	3/00
	D 21 H	3/00
183–186	D 21 D	3/00
	D 21 F	11/00
	D 21 H	3/00
187	D 21 H	3/66
		5/08
188	D 21 H	5/00
189–191	D 21 F	1/66
192	D 21 D	
	D 21 F	1/64
	D 21 J	
193	D 21 F	1/36
194–195	D 21 F	11/00
	D 21 J	1/02
196	D 21 F	7/00
		11/00
198	D 21 F	11/00
		13/00
199–200	D 21 F	1/32
201	D 21 F	
	D 21 H	
	D 21 J	
202	D 21 F	11/00
203	D 21 F	11/04
		11/08
204–207	D 21 F	11/00
	D 21 J	
208	D 21 F	11/00
	D 21 J	1/00
209	D 21 F	1/18
	D 21 J	11/00
210–216	D 21 F	1/00
		11/00
217	D 21 F	1/48
		11/00
218–224	D 21 F	13/00
	D 21 J	1/00
		3/00
225	D 21 F	13/00
	D 21 J	1/06
226	D 21 J	1/06
		3/00
227	D 21 J	1/04
		3/00
228–229	D 21 G	
	D 21 J	3/00
		5/00
		7/00
231	D 21 H	
	D 21 J	
232	D 21	
233–237	D 21 C	7/00
238	D 21 C	7/12
239–242	D 21 C	7/00
243	D 21 C	7/14
244	D 21 C	7/02
245	D 21 C	7/00
246–247	D 21 C	7/06
		7/08
248–249	D 21 C	7/14
250	D 21 C	7/10
251	D 21 C	7/00
		7/08
252–253	D 21	
254	D 21 D	
255	D 21 F	7/04
256–257	D 21 F	
	D 21 J	
258	D 21 F	1/08
259	D 21 F	1/06
260	D 21 F	
	D 21 J	
261	D 21	
	D 21 D	1/00
262	D 21	
	D 21 F	7/02
263	D 21	
	D 21 F	7/06
264	D 21 F	1/66
265–266	D 21 H	1/10
		3/00
267–268	D 21 H	1/00
	D 21 J	1/00
269–271	D 21 F	
	D 21 H	
	D 21 J	
272–273	D 21 F	
274–279	D 21 F	1/32
280	B 31 F	1/12
	D 21 G	
281, 282	B 31 F	1/12
		1/29
	D 21 G	3/04
283	B 31 C	
	B 31 D	11/00
	B 65 H	27/00
	D 21 G	9/00
284–285	B 31 C	1/00
		3/00
		5/00
286	B 26 D	
		1/00
		3/00
	B 26 F	
287	B 31 F	1/00
		7/00
288	D 21 J	3/00
289	D 21 F	
290	D 21 F	5/00
		9/00
291–304	D 21 F	1/00
305	D 21 F	3/00
		9/00
306–307	D 21 F	2/00
308	D 21 F	5/00
	D 21 J	
309–311	D 21 F	
	D 21 H	5/06
312–314	D 21 F	1/44
	D 21 H	5/00
	D 21 J	
315–317	D 21 F	1/00
318–319	D 21 F	1/04
		1/60
320	D 21 F	1/00
321	D 21 F	1/04
		1/60
322	D 21 F	1/00
323–333	D 21 F	1/04
		1/60
334	D 21 F	1/04
		1/50
		1/56
335	D 21 F	1/04
		1/48
		1/60
336–340	D 21 F	1/00
		1/06
341–342	D 21 F	1/18
343–347	D 21 F	1/06
348–349	D 21 F	1/10
350	D 21 F	1/24
351–352	D 21 F	1/10
	D 21 G	9/00
353	D 21 F	1/58
	D 21 G	9/00
354	D 21 F	1/00
355–356	D 21 F	1/18
357	D 21 F	1/60
358	D 21 F	3/00
359	D 21 F	3/00
		5/00
360	D 21 F	3/00
361–362	D 21 H	5/06
		7/00
363–366	D 21 F	1/48
		3/10
367–372	D 21 F	3/10
373–374	D 21 F	1/48
375–376	D 21 F	5/00
377–379	D 21 D	
	D 21 J	3/00
381	D 21	
382–386	D 21 J	3/00
		7/00
387–395	D 21 J	3/00
		7/00
396–410	D 21 J	3/00
411–416	D 21 J	3/00
		7/00

U.S. Class 163

Needle and pin making

(IPC B 21 G)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 G	1/00
2, 3	B 21 G	1/06
4	B 21 G	3/32
5	B 21 G	3/18
6	B 21 G	3/00
7	B 21 G	3/04

U.S. Class 164

Metal founding

(IPC B 22 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 22 C	
	B 22 D	
2, 3	B 41 C	3/02
	B 41 D	3/00
4.1	B 22 D	46/00
5	B 22 C	
	B 22 D	
6	B 22 C	
7.1, 7.2	B 22 C	9/00
	B 22 D	18/06
8	B 22 D	7/02
		9/04
9–11	B 22 D	19/00
12	B 22 C	9/12
13	B 22 C	7/00
14	B 22 C	3/00
15	B 22 C	9/00
17	B 22 C	9/00
18	B 22 C	25/00
19–21	B 22 C	15/20
22	B 22 C	15/22
23, 24	B 22 C	4/00
27–29	B 22 C	9/00
30–32	B 22 C	9/10
33	B 22 C	9/12
34–36	B 22 C	9/02
37	B 22 C	15/00
38	B 22 C	15/28
39	B 22 C	15/10
40	B 22 C	15/00
44	B 22 C	9/00
45	B 22 C	7/00
46	B 22 D	23/00
47	B 22 D	
48	B 22 D	27/02
53	B 22 D	23/00
54	B 23 K	23/00
55.1, 56.1	B 22 D	27/00
57.1–59.1	B 22 D	27/00
61–63	B 22 D	27/16
65	B 22 D	27/16
66.1, 67.1	B 22 D	23/00
68.1	B 22 D	27/00
69.1	B 22 D	29/00
70.1	B 22 D	31/00
71.1	B 22 D	27/08
72	B 22 C	3/00
	B 22 D	27/00
74	B 22 C	3/00
	B 22 D	27/00
75	B 22 D	19/00
76.1	B 22 D	
77	B 22 D	23/00
78	B 22 D	25/00

U.S. Class 164—Con.

U.S. Subclass	IPC Subclass	IPC Notation
79	B 22 D	27/00
80	B 22 D	23/06
81	B 22 D	23/00
90	B 22 D	19/12
91	B 22 D	19/00
92.1	B 22 D	19/10
93–97	B 22 D	19/14
		19/16
		23/00
98–112	B 22 D	19/00
113	B 22 D	13/00
		27/09
114–118	B 22 D	13/00
119	B 22 D	18/00
		27/13
120	B 22 D	18/02
		27/09
		27/11
121	B 22 D	
122–126	B 22 D	7/10
		27/04
122.1	B 22 D	27/00
122.2	B 22 D	25/00
127	B 22 D	15/00
128	B 22 D	27/04
129, 130	B 22 D	23/00
		47/00
131, 132	B 22 D	29/00
133–136	B 22 D	1/00
		23/00
		35/00
		37/00
		39/00
137	B 22 D	33/04
138	B 22 C	1/00
		3/00
139, 140	B 41 D	3/00
141	B 41 D	3/20
142	B 41 D	3/24
143	B 41 D	3/22
144	B 41 D	3/00
		3/28
145	B 41 D	3/00
146	B 22 D	11/07
	B 41 C	
	B 41 D	
147.1, 148.1	B 22 D	11/07
149	B 22 D	11/07
150–157	B 22 C	19/04
		25/00
	B 22 D	2/00
		11/16
		13/12
		17/32
		18/08
		46/00
158	B 41 C	
	B 41 D	
159	B 22 C	
160.1, 160.2	B 22 C	9/12
160.1, 16.2	B 22 C	19/12
161, 162	B 22 C	13/02
		13/14
163	B 22 C	13/14
164	B 22 C	13/04
165, 166	B 22 C	13/08
167, 168	B 22 D	47/02
169	B 22 C	15/00
170, 171	B 22 C	15/08
172	B 22 C	15/00
173	B 22 C	15/08
174	B 22 C	13/16
175	B 22 C	15/20
176–179	B 22 C	13/10
180–182	B 22 C	17/00
183	B 22 C	17/08
184	B 22 C	17/12
185	B 22 C	17/14
186	B 22 C	13/12
187, 188	B 22 C	15/00
189	B 22 C	19/06
190	B 22 C	17/06
191	B 22 C	17/04
192, 193	B 22 C	5/12
194	B 22 C	15/00
195	B 22 C	15/28
196, 197	B 22 C	15/30
198, 199	B 22 C	15/20
200–202	B 22 C	15/22
203	B 22 C	15/10
204	B 22 C	15/30
205	B 22 C	15/10
206	B 22 C	15/14
207–212	B 22 C	15/02
213, 214	B 22 C	17/00
215, 216	B 22 C	9/22
217–221	B 22 C	17/06
222	B 22 C	7/00
223	B 22 C	19/06
224	B 22 C	17/08
225	B 22 C	17/04
226	B 22 C	17/02
227	B 22 C	17/00
228–234	B 22 C	7/06
		11/00
		13/12
235–238	B 22 C	7/00
239–243	B 22 C	7/04
244, 245	B 22 C	7/00
		9/22
246	B 22 C	7/02
247–249	B 22 C	7/00
		9/22
250.1	B 22 D	
253–258	B 22 D	18/06
		27/15
259	B 22 D	27/00
259–2582700	B 22 D	27/15
260, 2612700	B 22 D	27/08
262	B 22 D	11/126
263	B 22 D	11/12
264, 265	B 22 D	31/00
266	B 22 D	1/00
267	B 22 D	
268	B 22 D	11/12
269	B 22 D	45/00
		47/00
270.1	B 22 D	
271	B 22 D	11/24
272	B 22 D	45/00
284, 285	B 22 D	13/00
		17/00
286, 287	B 22 D	13/00
		13/12
288	B 22 D	13/00
		19/00
289, 290	B 22 D	13/06
291, 294	B 22 D	13/00
295	B 22 D	13/10
296	B 22 D	13/00
297	B 22 D	13/10
298	B 22 D	13/00
299–301	B 22 D	13/10
302	B 22 D	13/00
303–305	B 22 D	17/00
306–311	B 22 D	17/06
312–315	B 22 D	17/04
		17/08
316–318	B 22 D	17/04
319, 321	B 22 D	17/00
322, 323	B 22 C	9/20
	B 22 D	5/00
324–328	B 22 D	5/02
329–331	B 22 D	5/04
332–334	B 22 D	17/24
		19/00
335	B 22 D	41/00
336	B 22 D	41/04
337	B 22 D	37/00
		39/00
		39/02
		39/04
		39/06
		41/00
338.1, 338.2	B 22 D	27/04
339–341	B 22 D	33/04
342, 343	B 22 D	17/26
344–347	B 22 D	17/22
		29/00
348	B 22 D	27/04
349–351	B 22 C	9/02
		9/20
		9/22
352–357	B 22 D	15/00
358	B 22 C	9/08
359, 360	B 22 C	9/02
		9/08
361	B 22 C	9/02
362, 363	B 22 C	9/08
364	B 22 C	9/02
		9/20
		9/22
365–370	B 22 C	9/10
371–373	B 22 D	15/00
374, 375	B 22 C	21/00
376	A 61 C	13/20
	B 22 C	21/10
377, 378	B 22 C	21/02
379–383	B 22 C	21/14
384–393	B 22 C	21/02
		21/08
		21/10
394–396	B 22 C	21/00
397–400	B 22 C	21/14
401	B 22 C	17/00
	B 22 D	11/128
		29/00
		29/08
402	B 22 D	17/00
403	B 22 D	17/06
404–407	B 22 D	29/00
408	B 22 D	29/06
409	B 22 C	17/08
410	B 22 C	23/00
411	B 22 C	21/14
412	B 22 C	
	B 22 D	
413, 414	B 22 D	11/16
415	B 22 D	11/00
416	B 22 D	11/04
417	B 22 D	11/12
418	B 22 D	11/00
419	B 22 D	19/00
420, 421	B 22 D	11/00
422	B 22 D	13/02
423	B 22 D	11/00
424	B 22 D	11/12
425, 426	B 22 D	11/08
427–434	B 22 D	11/06
435, 436	B 22 D	11/04
437–440	B 22 D	11/10
441, 442	B 22 D	11/12
443, 444	B 22 D	11/124
445–446	B 22 D	11/08
447, 448	B 22 D	11/12
449, 450	B 22 D	11/16
451	B 22 D	11/00
		46/00
452	B 22 D	11/16
453	B 22 D	11/18
454	B 22 D	11/20
455	B 22 D	11/22
456–458	B 22 D	46/00
459	B 22 D	11/00
460	B 22 D	11/126
461–465	B 22 D	11/00
466–471	B 22 D	11/00
		27/02
472	B 22 D	11/07
473	B 22 D	11/10
474–477	B 22 D	11/00
478	B 22 D	11/04
479–481	B 22 D	11/06
482	B 22 D	11/00
483	B 22 D	11/08
484	B 22 D	11/128
485, 486	B 22 D	11/124
487	B 22 D	11/00
488, 489	B 22 D	11/10
490	B 22 D	11/00
491	B 22 D	11/10
492–501	B 22 D	27/02
502–508	B 22 D	11/00
		27/02
509	B 22 D	11/00
		27/02
510–514	B 22 D	27/02
515	B 22 C	11/00
516	B 22 C	9/00
517	B 22 C	1/00
		11/00
518	B 22 C	1/02
		9/12
519	B 22 C	1/02
		9/00
520	B 22 C	1/00
		9/12
521	B 22 C	9/10
		9/12
522	B 22 C	1/04
		9/00
523	B 22 C	1/02
		9/00
524	B 22 C	1/04
		9/00
525	B 22 C	1/16
		9/00
526–529	B 22 C	1/22
		9/00
900	B 22 C	9/00

U.S. Class 165

Heat exchange

(IPC F 28 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 28	
2	F 25 B	13/00
3	F 24 F	3/14
4, 5	F 23 L	15/02
	F 28 D	17/00
6–9.4	F 23 L	15/02
10	F 28 D	17/00
		19/00
11	F 28 F	
12	F 28 D	
	F 28 F	
13	F 28 D	
	F 28 F	28/00
14	F 25 B	29/00
	F 28 F	
15	B 64 D	13/04
		13/08
16, 17	F 25 B	29/00
18	F 24 D	11/00
19–21	F 24 F	3/14
22	F 24 F	3/00
23	B 6D H	1/32
24–31	F 25 B	29/00
32–35	G D5 D	23/00
36, 37	G D5 D	23/00
38	G D5 D	15/00
39, 40	B 6D H	1/00
	B 61 D	27/00
41	F 28 F	
42–44	B 6D H	3/00
	B 61 D	27/00
45	F 28 D	
46	F 28 F	7/00
47	F 24 H	3/00
48	F 25 B	29/00
49	F 24 D	19/02
	F 24 H	9/06
50	F 24 F	3/00
51	F D1 P	
52	F D2 N	31/08
53	F 24 D	5/10
		19/02
	F 24 H	9/06
54	F 24 H	3/02
55	F 24 D	19/02
		19/06
	F 24 H	9/06
56, 57	F 24 H	
58	F 25 B	29/00
59	F 24 F	7/00
60	F 24 F	3/14
61	F 25 B	29/00
62	F 25 B	13/00
63–65	F 25 B	29/00
66	A 23 C	3/02
67–68	F 28 F	9/00
69	F 28 F	7/00
70	F 28 F	11/00
71	F 16 F	1/34
72–75	F 28 D	1/06
76–83	F 28 F	7/00
84	F 28 D	11/06
	F 28 G	7/00
85	F 24 H	3/02
	F 28 F	25/10
86	F 28 D	11/00
	F 28 F	5/00
87	F 28 F	5/06
88	F 28 D	11/08
89	F 28 D	11/02
	F 28 F	5/02
90, 91	F 28 D	11/02
92, 93	F 28 F	
94	F 28 F	17/00
	F 28 G	
95	F 28 G	
96	F 28 F	27/00
97	F 28 F	27/02
98, 99	F D1 P	7/10
100–103	F 28 F	27/02
104.11–104.15	F 28 D	15/00
104.16	F 28 D	13/00
104.17–104.34	F 28 D	15/00
108	F 28 F	13/06
109	F 28 F	13/12
110	F 28 B	1/00
111–114	F 28 B	3/00
		9/10
115, 116	A 23 C	3/04
	F 28 D	
117	A 23 C	3/04
	F 28 D	3/02
118	A 23 C	3/04
	F 28 D	3/00
119	F 28 F	13/12
		19/00
120, 121	F 24 H	3/02
	F 28 F	
122	F 24 H	3/06
	F 28 F	13/12
123	F 24 F	3/04
	F 28 F	13/12
124–127	F 24 B	1/06
	F 28 F	13/12
128	F 24 H	3/00
		9/02
129	F 24 H	9/02
130	F 24 H	3/00
	F 28 F	9/26
131	F 24 H	3/00
132	F 28 D	1/06
133	F 28 F	13/18
		19/02
134	F 28 F	19/00
135, 136	F 28 F	13/00
137–139	F 28 F	7/00
140, 141	F 28 D	7/10
142	F 28 D	7/12
143, 144	F 28 F	9/26
145	F 28 F	9/22
146	F 28 F	13/00
147	F 28 F	13/08
148–150	F 28 D	1/00
151	F 28 D	1/04
152, 153	F 28 D	1/02
154	F 28 D	7/10
155	F 28 D	
156	F 28 D	7/12
157	F 28 D	7/10
158	F 28 F	9/02
159–161	F 28 D	7/00
	F 28 F	9/22
162	F 28 D	7/00
	F 28 F	9/00
163	F 28 D	
164, 165	F 28 D	7/02
166	F 28 F	3/00
167	F 28 F	3/08
168–169	F 28 F	3/12
170	F 28 F	3/14
171	F 28 F	1/32

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 165—Con.		
172	F 28 F	1/10
173–175	F 28 F	9/02
176	F 28 D	7/06
177	F 28 F	1/00
178	F 28 F	9/04
179	F 28 F	1/42
180	F 28 F	21/00
181	F 28 F	1/20
182	F 28 F	1/30
183, 184	F 28 F	1/14
		1/36
185	F 28 F	7/00
186	F 28 F	
U.S. Class 166		
Wells		
(IPC E 21 B)		
50	E 03 B	3/11
51	E 21 B	43/04
52–54	E 21 B	
54.1	E 21 B	43/00
54.5, 54.6	E 21 B	29/00
		29/04
		43/00
55–55.8	E 21 B	29/00
		29/06
		29/08
		29/10
		43/11
56	E 03 B	3/18
	E 21 B	43/02
57–62	E 21 B	36/00
		43/115
		43/24
63–66	E 21 B	29/02
		29/02
		43/00
67, 68	E 21 B	33/03
		33/068
		33/072
		43/00
68.5	E 21 B	43/00
69	E 21 B	33/03
		35/00
70	E 21 B	23/08
		23/08
		33/05
71–97	E 21 B	33/00
		33/03
		33/04
		33/047
		34/16
		41/10
98	E 21 B	31/00
		31/12
		34/00
		34/02
99	E 21 B	31/08
100, 101	E 21 B	33/12
		49/10
102–105	E 21 B	43/00
105.1–105.6	E 21 B	43/00
106	E 21 B	43/00
107–111	E 21 B	27/00
112, 113	E 21 B	43/00
114–116	E 21 B	33/12
117	E 21 B	33/13
117.5, 117.6	E 21 B	7/06
		23/03
		23/03
		23/12
		23/12
		31/14
117.7	E 21 B	43/00
118–152	E 21 B	23/00
		23/02
		23/02
		23/04
		23/04
		33/12
		33/13
		49/00
153–156	E 21 B	23/10
		23/10
		33/16
		37/04
		37/10
157–158	E 03 B	3/12
	E 21 B	43/00
162–169	E 21 B	27/00
		33/132
170–176	E 21 B	37/00
		37/02
		37/08
177	E 21 B	43/25
178	E 21 B	23/00
		31/107
		31/113
179–203	E 21 B	23/00
		33/12
205	E 03 B	3/18
	E 21 B	43/00
206–208	E 21 B	23/00
		23/00
		23/02
		23/02
		43/10
209–211	E 21 B	40/00
212–217	E 21 B	23/00
		23/04
		23/04
222, 223	E 21 B	21/00
		43/00
227–236	E 03 B	3/18
	E 21 B	43/00
237–240	E 21 B	23/00
241	E 21 B	17/10
242	E 21 B	17/14
243	E 21 B	43/00
244	E 21 B	
		41/02
245	E 21 B	43/00
		43/30
246	E 21 B	43/22
247–249	E 21 B	43/00
250–252	E 21 B	47/00
253	E 21 B	33/13
		47/00
		47/09
254	E 21 B	47/00
		47/09
		49/00
255	E 21 B	47/00
256, 257	E 21 B	43/24
258	E 21 B	43/14
		43/24
259	E 21 B	43/24
		43/26
260–262	E 21 B	43/24
263	E 21 B	43/00
264	E 21 B	47/00
		49/08
265	E 21 B	43/00
		43/34
		43/34
		43/38
266	E 21 B	43/00
		43/34
		43/40
267	E 21 B	43/00
268	E 21 B	43/16
269	E 21 B	43/16
270	E 21 B	43/22
		43/27
271	E 21 B	43/26
272	E 21 B	43/24
273–275	E 21 B	43/16
276	E 21 B	43/02
277	E 21 B	29/00
278	E 21 B	43/04
279	A 47 B	43/00
280	E 21 B	43/26
		43/267
281	E 21 B	33/13
		43/26
282	E 21 B	43/22
283	E 21 B	43/26
284	E 21 B	33/13
285	E 21 B	33/00
286–295	E 21 B	33/13
296	E 21 B	43/10
297, 298	E 21 B	29/00
		29/10
		43/11
299	E 21 B	29/02
		29/02
		43/00
		43/263
300	E 21 B	43/27
301	E 21 B	31/00
		41/00
302	E 21 B	36/00
		43/24
303	E 21 B	36/00
		43/20
		43/24
304	E 21 B	37/06
		43/00
305–307	E 21 B	43/16
		43/25
308	E 21 B	43/17
		43/26
309, 310	E 21 B	43/00
311, 312	E 21 B	21/00
		37/00
		37/08
313	E 21 B	43/00
		43/12
		43/32
316–334	E 21 B	33/00
		34/00
		34/06
		34/08
		34/10
		34/12
		34/12
		43/00
335–366	E 21 B	7/12
		29/12
		33/035
		33/035
		33/037
		33/038
		33/043
		33/064
		33/076
		34/04
		41/04
		43/01
		43/36
	E 21 C	19/00
367	E 21 B	17/01
368	E 21 B	7/12
		29/12
		33/035
		43/01
	E 21 C	19/00
369–372	E 21 B	43/00
373	E 21 B	34/06
374, 375	E 21 B	34/10
376	E 21 B	29/00
377, 378	E 21 B	19/00
		23/00
379	E 21 B	19/00
380	E 21 B	19/16
381, 382	E 21 B	23/00
383	E 21 B	23/08
384, 385	E 21 B	19/00
386, 387	E 21 B	33/12
U.S. Class 168		
Farriery		
(IPC A 01 L)		
1	A 01 L	
2	A 01 L	15/00
3	A 01 L	3/06
4	A 01 L	1/00
		3/00
		5/00
5	A 01 L	9/00
6–10	A 01 L	1/04
		3/04
11	A 01 L	1/00
		3/00
12–16	A 01 L	7/02
17–22	A 01 L	3/00
23	A 01 L	3/00
		7/10
24, 25	A 01 L	1/00
26	A 01 L	7/00
27	A 01 L	7/02
		15/00
28	A 01 L	7/02
29–43	A 01 L	7/04
		7/06
44	A 01 L	7/00
45–48	A 01 L	11/00
U.S. Class 169		
Fire extinguishers		
(IPC A 62 C)		
1	A 62 C	
5–18	A 62 C	35/00
19–22	A 62 C	37/06
23	G 08 B	
24, 25	A 62 C	27/00
26–29	A 62 C	35/02
30	A 62 C	11/00
33	A 62 C	11/00
34	A 62 C	9/00
35	A 62 C	13/50
36	A 62 C	9/00
37–41	A 62 C	37/08
42	A 62 C	37/30
43–47	A 62 C	1/00
		3/00
48–50	A 62 C	7/00
51–53	A 62 C	25/00
		27/16
		29/00
54, 55	A 62 C	
56	A 62 C	37/00
	G 01 K	
57	A 62 C	37/12
58	A 62 C	37/14
59	A 62 C	37/12
60, 61	A 62 C	37/18
62	A 62 C	35/12
63–70	A 62 C	
71	A 62 C	13/24
72, 73	A 62 C	
74	A 62 C	31/02
75	A 62 C	23/10
76	A 62 C	
77	A 62 C	35/50
78–83	A 62 C	35/48
84	A 62 C	
85–88	A 62 C	35/18
89	A 62 C	23/00
90, 91	A 62 C	39/00
U.S. Class 171		
Unearthing plants or buried objects		
(IPC A 01 D)		
1–15	A 01 D	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
16	E 01 B	27/00
17–25	A 01 D	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
26–42	A 01 D	27/00
43–62	A 01 D	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
63–65	A 01 B	43/00
66–144	A 01 D	13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
U.S. Class 172		
Earth working		
(IPC A 01 B)		
1	A 01 B	79/00
2	A 01 B	41/06
3	A 01 B	67/00
4	A 01 B	63/111
4.5	E 02 F	3/76
5, 6	A 01 B	63/00
7–12	A 01 B	63/112
13–15	A 01 D	15/00
		21/00
		23/00
		27/00
		34/00
16	E 01 H	8/00
17, 18	A 01 D	15/00
		21/00
		23/00
		27/00
		34/00
19, 20	A 01 B	45/04
21, 22	A 01 B	45/00
		45/02
23	A 01 B	3/64
24	A 01 B	13/04
		39/16
25	A 01 B	13/00
		33/06
26	A 01 B	69/00
26.5, 26.6	E 02 F	3/60
27–31	A 01 B	49/04
32	A 01 B	17/00
		25/00
		33/16
		35/32
		77/00
33	A 01 B	3/00
34, 35	A 01 B	33/00
36	A 01 B	35/00
37	A 01 B	1/00
		33/00
38, 39	A 01 B	33/00
40	A 01 B	35/00
41–43	A 01 B	33/00
44	A 01 B	39/19
45, 46	A 01 B	33/00
47	A 01 B	59/043
48–49.5	A 01 B	33/00

U.S. Class 172—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		39/08
50–54	A 01 B	33/00
		49/00
54.5	A 01 B	39/00
		39/10
55–62	A 01 B	33/00
63–73	A 01 B	9/00
		33/16
		49/02
74–83	A 01 B	33/00
84–89	A 01 B	39/00
		39/10
		41/00
90–107	A 01 B	33/00
		35/00
		39/00
108, 109	A 01 B	33/04
110	A 01 B	33/00
		35/00
		39/00
111	A 01 B	33/06
112–125	A 01 B	33/00
126–132	A 01 B	17/00
		25/00
		29/06
		33/16
		35/32
		39/28
133–189	A 01 B	5/00
		49/02
190	A 01 B	23/06
191–203	A 01 B	5/00
		49/02
204–211	A 01 B	3/28
		3/40
		3/56
		5/08
		5/14
212	A 01 B	63/16
213–232	A 01 B	3/28
		3/40
		3/56
		5/08
		5/14
233–235	A 01 B	13/06
		13/16
236, 237	A 01 B	63/00
238	A 01 B	63/00
239	A 01 B	63/111
240–244	A 01 B	63/00
		73/00
245–255	A 01 B	63/00
256–260	A 01 B	69/00
260.5	A 01 B	61/04
261–271	A 01 B	61/00
272–275	A 01 B	51/00
278–291	A 01 B	69/00
292	A 01 B	51/00
293–296	A 01 B	3/00
297–309	A 01 B	59/044
		59/046
		63/104
		63/106
310–314	A 01 B	49/00
315–319	A 01 B	63/14
320	A 01 B	21/08
321	A 01 B	63/02
322, 323	A 01 B	63/00
324–328	A 01 B	59/00
		69/00
329–370	A 01 B	3/02
		3/04
		5/02
		15/12
		39/00
371–381	A 01 B	1/00
382	A 01 B	13/14
383–394	A 01 B	15/00
		23/00
		33/08
		35/20
		39/00
395–407	A 01 B	63/16
408–412	A 01 B	63/18
413	A 01 B	63/22
414–419	A 01 B	63/16
420	A 01 B	63/20
421–427	A 01 B	63/16
428	A 01 B	63/20
429	A 01 B	63/16
430–437	A 01 B	15/00
		23/00
		33/08
		35/20
		39/00
438	A 01 B	49/00
439–451	A 01 B	59/043
		59/06
		63/02
		63/118
452	A 01 B	63/00
453	A 01 B	63/12
454–464	A 01 B	63/00
465–466	A 01 B	63/10
467–490	A 01 B	63/00
491	A 01 B	63/10
492–493	A 01 B	63/06
494–506	A 01 B	63/00
507	A 01 B	63/16
508–516	A 01 B	17/00
517	A 01 B	35/32
		39/26
		39/28
518–521	A 01 B	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
522–526	A 01 B	33/06
527	A 01 B	33/04
528–530	A 01 B	13/16
531–537	A 01 B	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
538, 539	A 01 B	5/00
		7/00
		15/16
		21/00
		23/06
		35/28
		39/08
		41/04
540–556	A 01 B	21/02
557	A 01 B	5/00
		7/00
		15/16
		21/00
		23/06
		35/16
		35/28
		39/08
558–566	A 01 B	15/16
		23/06
567–601	A 01 B	5/00
		7/00
		15/16
		21/00
		23/06
		35/16
		35/28
		39/08
602–604	A 01 B	15/16
		23/06
		59/00
605	A 01 B	15/16
		23/06
		59/00
606–610	A 01 B	15/00
		19/10
		23/00
		35/20
		39/20
611	A 01 B	15/00
		23/00
		35/20
		39/20
612	A 01 B	35/00
613–662	A 01 B	19/00
		23/00
		35/00
		39/00
663–668	A 01 B	63/00
669–676	A 01 B	
677–680	A 01 B	59/00
681–698	A 01 B	15/00
		23/00
		31/00
		35/20
		39/20
699, 700	A 01 B	13/08
701	A 01 B	13/02
701.1–701.3	E 02 F	3/80
702–712	A 01 B	15/00
		23/00
		31/00
		35/20
		39/20
713	A 01 B	23/02
714–719	A 01 B	15/00
		23/00
		31/00
		35/20
		39/20
720	A 01 B	39/18
721–733	A 01 B	39/20
734–753	A 01 B	15/00
		23/00
		31/00
		35/20
		39/20
754–761	A 01 B	15/00
762–775	A 01 B	15/00
		15/10
		23/00
		31/00
		35/20
		35/26
		39/20
776	A 01 B	15/14
		23/04
		35/20
		39/24
777–799	E 02 F	3/12
		3/64
		3/76
799.5	E 02 F	3/76
810	A 01 B	59/084
811	E 02 F	3/76
812, 813	E 02 F	3/85
814–832	E 02 F	3/76
833, 834	A 01 B	59/048

U.S. Class 173

Tool driving or impacting

(IPC E 21 C)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	B 21 J	
	B 23 Q	
	B 25 O	
	E 02 O	
	E 21 B	
1	E 21 B	7/00
1, 2	E 21 C	
3	B 25 O	17/14
	E 21 C	7/00
4–19	B 23 Q	5/00
	E 21 C	5/00
20, 21	B 21 J	
	B 23 Q	
	B 25 O	
	E 02 O	
	E 21 B	
20–21	E 21 C	
22–28	E 21 B	7/02
	E 21 C	11/02
29	B 21 J	
	B 23 Q	
	B 25 O	
	E 02 O	
	E 21 B	
	E 21 C	
30	B 25 O	17/00
31–37	E 21 C	9/00
		11/00
38–45	E 21 B	15/04
	E 21 C	5/00
		9/00
		11/00
46, 47	B 21 J	
	B 23 Q	
	B 25 O	
	E 02 O	
	E 21 B	
	E 21 C	
48	E 02 O	7/02
49	E 02 O	7/18
	E 21 B	7/24
50–52	E 21 B	
	E 21 C	
53–56	E 21 B	1/00
57–80	B 25 O	17/14
	E 21 C	7/00
81–92	B 25 O	9/00
		11/00
		13/00
	E 21 B	1/00
	E 21 C	3/00
93–93.7	B 25 O	15/00
94–139	B 23 B	45/16
	B 25 O	9/00
		11/00
		13/00
		16/00
	E 21 B	1/00
	E 21 C	3/00
140	B 21 J	
	B 23 Q	
	B 25 O	
	E 02 O	
	E 21 B	
	E 21 C	
141–161	B 23 Q	5/00
	E 21 C	5/00
162–167	E 21 B	3/00
		7/22
		19/16
		19/18
	E 21 C	1/00
168–169	B 23 B	45/04
	B 27 C	3/08
170	B 23 B	45/00
	B 27 C	3/08
171	B 23 B	45/00
	B 25 O	17/04
	B 27 C	3/08

U.S. Class 174

Electricity, conductors and insulators

(IPC H 01 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 B	
	H 02 G	
	H 05 K	
2–4	H 02 G	13/00
5	H 01 B	
6–7	H 01 R	4/66
8	H 01 B	
		3/20
		9/06
	H 02 G	
		15/20
9	H 01 B	1/00
		17/36
	H 02 G	
10	H 01 B	
	H 02 G	
11	H 02 G	15/28
12	H 02 G	15/26
13	H 01 B	5/00
		7/00
		9/00
		11/00
13, 14	H 01 B	9/06
14	H 01 B	
	H 02 G	
15, 16	H 01 B	7/34
		9/06
		17/34
	H 01 G	3/03
		5/10
17	H 05 K	5/00
17.05–17.08	H 05 K	5/06
17.06–17.08	H 05 K	5/06
18	H 05 K	5/00
19, 20	H 02 G	15/22
21, 22	H 02 G	15/24
23	H 02 G	15/20
24–29	H 01 B	7/00
		9/00
		11/00
25	H 01 B	7/02
26	H 01 B	7/00
27	H 01 B	11/02
28, 29	H 01 B	9/04
		9/06
		11/18
30	H 01 B	17/34
		17/36
31–31.5	H 01 B	17/26
32	H 05 K	9/00
33, 34	H 01 B	11/02
		11/06
35	H 05 K	9/00
36	H 01 B	7/34
		11/06
37–39	H 02 G	9/00
40	H 02 G	7/00
41	H 02 G	7/06
42	H 02 G	7/14
43, 44	H 02 G	7/20
45	E 04 H	12/24
	H 02 G	7/20
46	B 25 G	1/00
		1/12
	H 01 B	17/56
47	F 16 L	11/12
	H 01 B	7/00
		17/00
48, 49	H 02 G	3/04
		3/10
		13/00
50	H 01 J	5/00
	H 02 G	13/08
	H 05 K	5/00
		15/00
50.5–50.63	H 01 J	5/00
	H 05 K	5/06
50.5–50.64	H 01 J	15/00
	H 05 K	15/06
50.64	H 01 J	5/00
	H 05 K	5/06
51	H 05 K	5/02
		15/02
52	H 02 G	13/08
	H 05 K	5/00
		15/00
53–58	H 01 H	9/02
		13/04
		19/04
		21/04
		23/04
	H 01 R	13/46
	H 02 G	13/08
59, 60	H 02 G	13/18
59–60	H 01 R	13/46
61–64	H 02 B	1/10
	H 02 G	13/00
65	H 02 G	3/18
		13/18
66, 67	H 02 G	13/14
	H 05 K	15/03
66–67	H 05 K	5/03
68	H 01 B	7/00
		9/00
		11/00
		17/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 174—Con.		
	H 02 G	3/04
		3/06
		5/00
68.5	H 05 K	1/00
69	H 01 B	7/06
70	H 02 G	3/00
70–72	H 01 B	
	H 02 G	
71–73	H 02 G	3/00
73	H 02 G	15/02
		15/08
74–83	H 02 G	15/02
75	H 02 G	15/02
		15/08
76	H 02 G	13/02
		15/08
77–83	H 02 G	15/02
		15/08
84–94	H 01 R	4/00
	H 02 G	13/06
		15/08
95–98	H 02 G	3/04
		3/28
98–101	H 02 G	3/00
99	H 02 G	3/00
		5/04
		5/06
100–101	H 02 G	3/00
101.5	H 01 B	7/12
102–109	H 01 B	7/18
		9/02
108–109	H 01 B	17/22
110–111	H 01 B	7/00
112	H 01 B	7/36
113–117	H 01 B	11/02
113–124	H 01 B	7/00
118–124	H 01 B	7/00
126, 127	H 01 B	5/00
128, 129	H 01 B	5/08
130, 131	H 01 B	5/10
133	H 01 B	5/02
135	H 01 B	7/00
136	H 01 B	7/24
137	H 01 B	17/54
137–139	H 01 B	17/00
138–139	H 01 B	17/00
140	H 01 B	17/42
141	H 01 B	17/48
142	H 01 B	17/26
143	H 01 B	17/28
144	H 01 T	4/14
145	H 01 B	17/00
146, 147	H 01 B	17/00
	H 02 G	7/12
148, 149	H 01 B	17/00
150	H 01 B	17/04
		17/06
151–153	H 01 B	17/26
154–157	H 01 B	17/00
154–159	H 01 B	17/14
		17/20
		17/24
158–159	H 01 B	17/16
160	H 01 B	17/06
161–165	H 01 B	17/16
166	H 01 B	17/24
167	H 01 B	17/58
168–175	H 01 B	17/16
		17/18
		17/22
176–186	H 01 B	17/06
		17/12
		17/38
180	H 01 B	17/20
181	H 01 B	17/16
182	H 01 B	17/08
		17/22
183–184	H 01 B	17/16
185	H 01 B	17/20
186	H 01 B	17/22
		17/38
187	H 01 B	17/54
188, 189	H 01 B	17/38
188–190	H 01 B	17/08
190–193	H 01 B	17/40
191–193	H 01 B	17/08
		17/38
194–206	H 01 B	17/20
		17/38
197–206	H 01 B	17/20
		17/38
207	H 01 B	17/06
		17/38
208	H 01 B	17/24
209	H 01 B	17/32
		17/60
210	H 01 B	17/20
		17/32
211	H 01 B	17/50
		17/52
212	H 01 B	17/00

U.S. Class 175

Boring or penetrating the earth

(IPC E 21 B)

1	E 21 B	47/00
2	E 21 B	7/00
3	E 21 B	25/00
3.5	E 21 B	7/00
4	E 21 B	49/02
4.5	E 21 B	7/00
		43/116
4.51	E 21 B	43/119
4.52–4.59	E 21 B	7/00
		43/116
4.6	E 21 B	7/00
		43/111
5	E 21 B	7/12
		15/02
		19/09
6	E 21 B	7/12
		7/124
		25/18
		25/18
7	E 21 B	7/128
7–10	E 21 B	15/02
8	E 21 B	7/132
9	E 21 B	7/136
10	E 21 B	7/12
		7/124
11	E 21 B	7/14
	E 21 C	37/16
12–15	E 21 B	7/14
	E 21 C	37/16
16	E 21 B	7/00
		7/15
	E 21 C	37/16
17	C 09 K	7/00
	E 21 B	7/00
18	F 25 C	5/04
19–23	E 21 B	7/26
		11/02
24	E 21 B	
		44/00
	E 21 C	
25	E 21 B	21/08
		44/00
26	E 21 B	4/00
		5/00
		44/00
27	E 21 B	3/06
		19/08
		44/00
	E 21 C	1/10
		5/00
38	C 09 K	7/00
	E 21 B	21/08
		44/00
	E 21 C	7/00
39	E 21 B	12/02
40	E 21 B	
		47/00
	E 21 C	
41	E 21 B	47/00
42	C 09 K	7/00
	E 21 B	
	E 21 C	
44, 45	E 21 B	25/16
		25/16
		47/02
46	E 21 B	21/00
		27/00
		37/00
48	C 09 K	7/00
	E 21 C	7/06
		7/08
49	E 21 B	7/00
50	E 21 B	47/00
		47/026
		49/00
51	E 21 C	1/10
		5/00
52	E 21 B	19/00
		19/14
53	E 21 D	1/06
		3/00
54	E 21 B	7/16
		7/18
55	E 21 B	7/24
	E 21 C	3/02
56	E 21 B	7/04
		7/24
57	E 21 B	7/00
58–60	E 21 B	49/00
61	E 21 B	7/04
62	E 21 D	10/00
64	C 09 K	7/00
	E 21 B	7/00
65	C 09 K	7/00
	E 21 B	21/00
	E 21 C	7/06
		7/08
66	C 09 K	7/00
	E 21 B	21/06
	E 21 C	7/00
67	E 21 B	7/18
		43/114
68	C 09 K	7/00
	E 21 C	7/00
69	C 09 K	7/00
	E 21 B	21/14
		21/14
	E 21 C	7/06
70	C 09 K	7/00
	E 21 C	7/08
		7/10
71	C 09 K	7/00
	E 21 C	7/00
		7/02
72	C 09 K	7/00
	E 21 B	7/18
	E 21 C	7/06
		7/08
73	E 21 B	7/04
		7/08
		9/34
		15/04
74	E 21 B	7/08
		7/10
75	E 21 B	7/08
76	E 21 B	7/06
		7/08
		7/10
		17/10
	E 21 C	9/00
77	E 21 B	7/04
		7/08
		15/04
		49/02
78	E 21 B	7/04
		7/08
		49/02
79–83	E 21 B	7/04
		7/08
84	E 21 B	41/00
85	E 21 B	19/00
		19/20
86	E 21 B	41/00
	E 21 D	1/06
87	E 21 B	
	E 21 C	
88	E 21 B	41/00
89	E 21 B	11/06
90	E 21 B	9/26
		10/00
		10/32
91	E 21 B	10/00
		11/00
92–99	E 21 B	4/00
		4/06
		4/14
		4/16
		4/18
		5/00
100	E 21 B	4/00
		5/00
101–103	E 21 B	4/00
		4/20
		5/00
		19/22
104	E 21 B	4/00
		4/04
		5/00
105	E 21 B	4/00
		4/04
		4/12
		5/00
106	E 21 B	4/00
		5/00
107	E 21 B	4/00
		4/02
		5/00
108	E 21 B	7/00
	E 21 C	1/00
		3/00
		5/00
113–118	E 21 B	3/02
	E 21 C	1/10
121	E 21 B	3/02
	E 21 C	1/10
122	E 21 B	1/02
		3/02
		5/00
	E 21 C	5/00
135	E 21 B	1/00
		1/02
		5/00
	E 21 C	3/04
161	E 21 B	27/00
162	E 21 B	19/08
	E 21 C	1/10
		5/00
170–173	E 21 B	1/02
		3/00
		3/02
		5/00
		7/20
	E 21 C	1/00
		3/00
189	E 21 B	1/00
		1/02
		3/00
		5/00
		6/00
	E 21 C	1/12
		3/00
195	E 21 B	3/04
		3/06
		7/22
202	E 21 B	23/00
203	E 21 B	3/06
		19/08
205	C 09 K	7/00
	E 21 C	7/08
206, 207	E 21 B	21/00
		21/06
	E 21 C	7/00
208	E 21 C	7/08
209–218	E 21 B	17/18
		21/00
		21/10
		21/12
		21/12
	E 21 C	7/00
219	E 21 B	41/00
220–225	E 21 B	15/00
	E 21 C	9/00
		11/00
226	E 21 B	25/08
		25/02
		49/02
227–229	E 21 B	9/08
		9/18
		9/28
		10/24
230	E 21 B	17/10
	E 21 C	9/00
231	E 21 B	7/08
		9/00
		10/00
232–243	E 21 B	25/00
		27/00
244–255	E 21 B	9/20
		10/02
		25/00
		25/02
		25/02
		25/04
		25/04
		25/06
		25/06
		25/10
		25/10
		25/12
		25/12
		25/14
		25/14
		49/02
256	E 21 B	7/08
257	E 21 B	10/64
		11/00
258–261	E 21 B	9/26
		10/64
		10/66
262	E 21 B	10/64
		11/00
263–292	E 21 B	7/28
		9/26
		10/32
		10/34
293–295	E 21 B	4/00
		4/08
293–306	E 21 B	5/00
		10/38
296, 297	E 21 B	4/14
298	E 21 B	4/10
299–306	E 21 B	4/00
		4/08
307	E 21 B	9/00
		10/00
		12/04
308–312	E 21 B	27/00
		31/00
313	E 21 B	9/00
		10/00
		12/06
314	E 21 B	43/34
315	E 21 B	
		12/00
	E 21 C	
316	E 21 B	11/00
317, 318	E 21 B	41/00
319	E 21 B	4/00
		5/00
320–322	E 21 B	17/00
		17/07
		17/16
		17/18
		17/20
		19/00
		21/00
323	E 21 B	10/44
		17/00
		17/22
324	E 21 B	17/00
		19/00
		21/00
325	E 21 B	17/10
	E 21 C	9/00
326	E 21 B	17/10
	E 21 C	9/00
327, 328	E 21 B	10/00
	E 21 C	9/00
		25/04

U.S. Class 175—Con.

U.S. Subclass	IPC Subclass	IPC Notation
329, 330	E 21 B	10/00
		10/02
		10/46
		10/48
331	E 21 B	9/08
		10/00
		10/08
332	E 21 B	9/18
		10/00
		10/06
333	E 21 B	9/18
		10/00
		10/04
		25/00
334, 335	E 21 B	9/24
		10/28
336–343	E 21 B	9/08
		10/00
		10/14
		10/18
344–347	E 21 B	9/24
		10/30
348–378	E 21 B	9/08
348–360	E 21 B	10/00
348–378	E 21 B	10/00
361–364	E 21 B	10/10
		10/20
365	E 21 B	10/00
366–370	E 21 B	10/20
371, 372	E 21 B	10/22
373	E 21 B	10/12
374, 375	E 21 B	10/50
		10/52
376–378	E 21 B	10/16
379	E 21 B	9/00
		10/00
		10/00
380	E 21 B	7/16
381–384	E 21 B	9/00
		10/00
		10/00
		10/62
385, 386	E 21 B	9/22
385–386	E 21 B	10/26
387	E 21 B	9/16
		10/00
		10/02
		10/26
388–392	E 21 B	9/22
		10/40
393	E 21 B	10/60
		17/00
		19/00
		21/00
394	E 21 B	10/44
		10/44
395	E 21 B	10/36
		10/44
396	E 21 B	
397	E 21 B	9/06
		10/42
398–401	E 21 B	9/00
		10/00
		10/00
402	E 21 B	17/14
403–405	E 21 B	9/16
		10/00
		10/02
		10/48
406, 407	E 21 B	9/22
		10/26
408	E 21 B	17/10
	E 21 C	9/00
409–413	E 21 B	10/00
		10/46
		10/54
		10/56
		10/58
		10/62
414–420	E 21 B	10/36
		10/36
421	E 21 B	9/06
		10/42
422	E 21 B	7/18

U.S. Subclass	IPC Subclass	IPC Notation
		41/00
		43/114

U.S. Class 177

Weighing scales

(IPC G 01 G)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 G	9/00
		17/00
		19/00
2–13	G 01 G	23/38
14	G 01 G	13/24
15	G 01 G	19/40
16	G 01 G	11/14
17–24	G 01 G	19/40
25–44	G 01 G	19/04
		23/22
45–47	G 01 G	23/18
48	G 01 G	23/36
49	G 01 G	23/18
50–51	G 01 G	19/52
52–54	G 01 G	13/00
55–57	G 01 G	13/24
58	G 01 G	19/00
		21/28
59	G 01 G	13/16
60	G 01 G	13/00
61	G 01 G	19/24
62–67	G 01 G	13/00
68	G 01 G	13/02
69–70	G 01 G	19/22
71–72	G 01 G	13/24
73–79	G 01 G	13/02
80	G 01 G	13/00
81	G 01 G	13/04
82	G 01 G	13/04
		15/02
83–88	G 01 G	13/22
89	G 01 G	13/00
90–102	G 01 G	13/22
103–104	G 01 G	13/00
105	G 01 G	13/18
106–107	G 01 G	13/24
108–110	G 01 G	13/16
111–112	G 01 G	13/34
113	G 01 G	13/18
114–115	G 01 G	13/24
116–120	G 01 G	13/02
121	G 01 G	13/04
122–123	G 01 G	13/02
124	G 01 G	23/02
125	G 07 F	13/04
		17/00
126	G 01 G	21/00
127	G 01 G	21/28
128	G 01 G	21/00
		23/00
129	G 01 G	19/00
130	G 01 G	19/08
131	G 01 G	19/56
132	G 01 G	19/52
133–135	G 01 G	19/02
136–140	G 01 G	19/08
141	G 01 G	19/10
142–144	G 01 G	19/52
145	G 01 G	19/00
146	G 01 G	19/02
		19/52
147	B 66 C	1/40
	G 01 G	19/14
148–149	G 01 G	19/56
150	G 01 G	23/04
151–159	G 01 G	23/02
160	G 01 G	19/00
161–162	G 01 G	23/00
163	G 01 G	21/22
164	G 01 G	23/14
165	G 01 G	13/14
		23/14
166–176	G 01 G	23/14
177	G 01 G	23/30
178	G 01 G	23/32
179	G 01 G	21/02
180	G 01 G	21/28
181–182	G 01 G	23/18
183	G 01 G	21/02
184	G 01 G	21/10
185	G 01 G	23/10
186	G 01 G	23/06
187–189	G 01 G	21/10
		23/06
190	G 01 G	1/22
		1/24
191	G 01 G	1/22
192	G 01 G	1/22
		1/30
193	G 01 G	1/22
194–197	G 01 G	1/22
		1/24
198	G 01 G	21/24
199–200	G 01 G	19/00
201	G 01 G	1/00
		3/00
		7/00
202	G 01 G	1/18
203–205	G 01 G	1/34
206	G 01 G	1/38
207	G 01 G	5/02
208–209	G 01 G	5/04
210–211	G 01 G	3/14
212	G 01 G	1/38
		7/00
213–215	G 01 G	7/00
216	G 01 G	1/02
217	G 01 G	1/06
218	G 01 G	1/10
219	G 01 G	1/06
220–223	G 01 G	1/12
		23/26
224	G 01 G	1/02
225	G 01 G	3/00
226–228	G 01 G	3/18
229	G 01 G	3/08
230	G 01 G	23/26
231	G 01 G	21/28
232–233	G 01 G	3/02
234	G 01 G	23/26
235	G 01 G	1/28
		1/38
236	G 01 G	1/18
237	G 01 G	1/28
		1/30
238–244	G 01 G	21/28
245	G 01 G	19/00
		23/00
246	G 01 G	1/18
247	G 01 G	1/36
248	G 01 G	1/26
249–250	G 01 G	1/36
251–252	G 01 G	1/18
253	G 01 G	21/22
254	G 01 G	5/04
255	G 01 G	21/12
		21/24
		23/06
256–260	G 01 G	21/08
261	G 01 G	21/08
262–263	G 01 G	21/22
264	G 01 G	

U.S. Class 178

Telegraphy

(IPC H 04 L)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	H 04 L	15/00
4, 4.1	H 04 L	15/34
		21/00
15	G 09 G	1/18
		1/20
		1/22
		1/24
	H 04 L	15/34
		17/16
16	H 04 L	15/24
		17/16
17	H 04 L	15/12
		15/16
		15/18
		15/24
17.5	H 04 L	13/08
		15/18
18–20	G 08 C	21/00
21	H 04 N	1/024
22.01–22.19	H 04 L	9/00
23–27	H 04 L	15/24
		15/34
		17/16
28, 29	H 04 L	15/24
		15/34
		17/24
30	G 09 G	1/18
		1/20
		1/22
		1/24
30–33	H 04 L	15/24
		15/34
		17/16
34, 35	H 04 L	15/24
		15/34
		17/24
36	H 04 L	15/24
		15/34
		17/16
37	H 04 L	9/00
		15/24
		15/34
		17/16
38–42	H 04 L	15/24
		15/34
		17/16
43	H 04 B	5/00
45	H 01 B	11/14
		11/16
	H 04 B	5/10
		25/46
46	H 01 F	17/08
47, 48	H 04 L	5/10
		25/46
		25/62
49	H 04 L	5/02
62	H 04 L	15/34
63	H 04 L	25/02
64	H 04 B	3/02
65	H 04 L	25/18
66.1, 66.2	H 04 L	27/00
67.1	H 04 L	27/18
69	H 04 L	25/02
69.6	H 04 L	11/15
70–73	H 04 L	25/20
		25/52
74–76	H 04 L	15/00
77, 78	H 04 L	13/00
79–81	H 04 L	15/04
		17/02
82	H 04 L	15/08
		15/18
		17/12
83–87	H 04 L	15/08
89–91	H 04 L	15/30
		17/16
92	H 04 L	15/32
		17/20
93–98	H 04 L	15/24
		17/16
99	H 04 L	9/00
		17/16
100	H 04 L	15/24
		17/16
101–105	H 01 H	21/86
	H 04 L	15/03
106–109	H 01 H	21/86
	H 04 L	15/03
110	H 01 H	21/22
	H 04 L	15/03
111	G 11 B	23/00
112	G 11 B	23/00
113	H 04 L	
114	H 04 L	13/00
115	G 09 B	19/26
	H 04 L	15/03
116	H 01 T	9/00
117	H 04 B	1/16
118	H 04 B	13/18
		15/24
		17/16
		27/06
		27/14
		27/22
119–120	H 04 B	13/18

U.S. Class 179

Telephony

(IPC H 04 M)

U.S. Subclass	IPC Subclass	IPC Notation
1.1	H 04 M	
1.5	H 04 M	1/70
		3/16
2	H 04 M	11/00
2.51	H 04 B	3/54
	H 04 H	1/08
	H 04 M	11/08
3, 4	H 04 M	11/06
5	H 04 M	11/04
5.5	H 04 M	15/06
	H 04 Q	3/78
6.01, 6.02	H 04 M	11/00
6.03–6.08	H 04 M	1/64
6.09	H 04 M	11/10
6.1–6.17	H 04 M	1/64
6.18, 6.19	H 04 M	11/00
6.2	H 04 M	11/08
6.3	H 04 M	17/02
6.31	H 04 M	17/02
6.4–6.5	H 04 M	17/02
7	H 04 M	15/00
7.1	H 04 M	15/18
		15/22
8	H 04 M	15/26
8.5	H 04 M	15/36
9	H 04 M	15/10
10	H 04 M	15/26
11	H 04 M	15/10
12, 13	H 04 M	15/26
14	H 04 M	15/12
16	H 04 M	3/00
17	H 04 M	3/56
18	H 04 M	3/00
19–22	H 04 M	3/16
		3/18
23–25	H 04 M	3/00
26	H 04 M	3/42
27	H 04 M	3/60
28	H 04 M	13/00
29	H 04 M	13/00
30–33	H 04 M	1/70
34–36	H 04 M	5/00
37	H 04 M	9/00
38, 39	H 04 M	1/70
40	H 04 M	9/00
41, 42	H 04 M	5/00
43	H 04 M	5/18
44–47	H 04 M	5/12
48–51	H 04 M	5/00
52–58	H 04 M	5/04
59–69	H 04 M	5/10
70	H 04 M	5/00
71–76	H 04 M	5/04
77	H 04 M	19/00
78, 79	H 04 B	3/02
80	H 04 B	3/26
81	H 04 M	1/00
82	H 04 B	5/00
84	H 04 M	1/00
85	H 04 M	1/30
86–90	H 04 M	1/26
91–98	H 04 Q	1/00
99, 100	H 04 M	1/00
101, 102	H 04 M	1/02
103	H 04 M	1/02
		1/03
104	H 04 R	23/02
105	H 04 R	1/24
106	H 04 R	1/04
107	H 04 R	25/00
108, 109	H 04 R	1/42
110	H 04 R	15/00
111	H 04 R	19/00

U.S. Class 179—Con.

U.S. Subclass	IPC Subclass	IPC Notation
112	H 04 R	1/04
113	H 04 R	23/00
114	H 04 R	13/02
115	H 04 R	7/02
115.5	H 04 R	9/00
		9/06
		9/10
116	H 04 R	13/02
117–120	H 04 R	9/02
		11/06
		13/02
		15/00
121	H 04 R	17/02
		19/04
		21/02
122–129	H 04 R	21/02
130	H 04 R	23/00
131–133	H 04 R	21/02
134	H 04 R	23/00
135–137	H 04 R	21/02
138–139	H 04 R	7/00
		21/02
140–145	H 04 R	21/02
146–147	H 04 M	1/04
148–150	H 04 M	1/12
151–155	H 04 M	1/04
156–157	H 04 M	1/05
158	H 04 M	1/04
159–166	H 04 M	1/08
167–169	H 04 M	1/02
170	H 04 B	3/38
		3/58
170.2, 170.4	H 04 B	3/20
	H 04 M	9/08
170.6, 170.8	H 04 B	3/20
	H 04 M	
172–173	H 04 M	1/00
174	H 04 M	1/74
175	H 04 M	1/24
175.1, 175.11	H 04 M	5/00
175.2, 175.21	H 04 M	3/22
		3/228
175.23	H 04 M	3/22
		3/228
175.24, 175.25	H 04 M	3/22
175.3, 175.31	H 04 B	3/46
176–177	H 04 M	3/02
		3/20
178	H 04 M	1/00
179	H 04 M	1/02
180	H 04 R	1/28
181	H 04 R	7/26
182	H 04 R	1/10
183	H 04 M	1/19
184	H 04 R	1/02
185	H 04 R	1/12
186	H 04 R	1/06
187–188	H 04 R	1/08
189	H 04 M	1/66
190	H 04 R	1/00
		21/00

U.S. Class 180

Motor vehicles

(IPC B 60 K)

U.S. Subclass	IPC Subclass	IPC Notation
2.1, 2.2	B 06 L	9/00
	B 60 M	
6.2	B 62 D	6/00
		11/00
		11/02
6.24–6.4	B 60 K	17/30
		17/34
	B 62 D	3/00
		11/24
6.44–6.66	B 62 D	11/00
		11/02
6.7	B 62 D	11/02
		11/20
		11/22
		11/24
7.1–7.5	B 62 D	57/00
8.1–8.7	B 62 D	51/06
9–9.24	B 62 D	55/00
9.26–9.3	B 62 D	55/04
9.32	B 62 D	55/00
9.34–9.38	B 62 D	55/02
9.4–9.6	B 62 D	55/00
9.62, 9.64	B 62 D	55/12
10	B 62 D	55/00
11–13	B 62 D	
	B 62 M	7/14
14.1–14.7	B 60 D	
	B 62 D	53/00
		59/04
15, 16	B 62 D	
19.1–19.3	B 62 D	51/04
20	B 60 B	19/12
21	B 62 D	61/00
22–24.13	B 62 D	61/10
36–40	B 60 K	3/00
41	B 60 G	21/00
		23/00
	B 60 S	9/02
53.1–53.5	B 60 K	17/28
		25/00
53.6–53.62	B 60 K	25/08
53.7	B 60 K	25/02
53.8	B 60 K	17/28
		25/00
54.1	B 60 K	
54.2	B 60 K	9/02
65.1–65.8	B 60 K	1/00
68.1, 68.2	B 60 K	11/00
68.3	B 60 K	13/02
68.4, 68.6	B 60 K	11/04
68.5	B 60 R	18/02
69.1	B 62 D	25/20
69.2–69.25	B 62 D	25/10
69.3, 69.4	B 60 K	15/00
69.5	B 60 K	15/10
69.6	B 60 K	1/02
		5/08
70.1	B 60 K	17/00
73.1–73.5	B 60 K	20/00
75.1, 75.2	B 60 K	23/00
76	B 60 K	17/16
78	B 60 K	23/00
		26/00
		26/02
		26/04
		27/00
		29/00
		33/00
	B 62 D	1/00
79	B 62 D	3/00
		7/00
		9/00
79.1	B 62 O	5/04
79.3–79.5	B 62 O	5/02
84	B 62 D	25/16
85, 88	B 60 B	35/00
85–88	B 60 B	37/00
	B 62 B	21/00
89.1	B 62 D	23/00
		31/00
		33/00
		39/00
89.11	B 60 N	3/08
	B 60 R	15/00
89.12	B 62 D	33/06
		49/00
89.13–89.16	B 62 D	33/06
		33/08
89.17	B 62 D	25/10
		39/00
89.18	B 62 D	25/10
		33/06
		39/00
89.19	B 62 O	33/06
89.2	B 60 K	13/04
90	B 60 K	37/00
	B 62 D	25/14
90.6	B 62 D	25/20
116	B 60 V	1/00
		3/00
117–121	B 60 V	1/11
		1/14
122	B 60 V	1/15
123	B 60 V	1/20
124	B 60 V	1/04
		1/06
125	B 60 V	1/00
126	B 60 V	1/04
127, 128	B 60 V	1/16
129, 130	B 60 V	1/02
131	B 62 D	1/26
		5/00
132	B 62 D	5/06
133	B 62 D	5/00
134–139	B 62 D	5/06
		13/00
		53/00
140	B 62 D	5/06
		7/06
141–143	B 62 D	5/06
144	B 62 D	5/06
		7/02
145–148	B 62 D	5/06
149, 150	B 62 D	5/10
151	B 62 D	5/06
		7/00
152–157	B 62 D	5/06
158	B 62 D	5/10
159–161	B 62 D	5/06
162	B 62 D	5/10
163	B 62 D	5/06
164	B 60 B	39/00
	B 60 V	1/00
		3/00
165	B 60 K	9/00
		25/10
	B 60 L	11/16
	B 62 M	1/10
166	B 62 B	9/22
167–169	B 60 T	7/16
	B 62 D	1/24
170	B 60 K	31/00
171	B 60 K	31/18
172	B 60 K	31/12
173	B 60 K	31/16
174	B 60 K	31/14
175	B 60 K	31/06
176	B 60 K	31/10
177	B 60 K	31/08
178	B 60 K	31/02
179	B 60 K	31/04
180–181	A 63 C	5/08
		17/12
182	B 62 M	27/02
		29/00
183–185	B 62 B	19/00
	B 62 M	27/02
		29/00
186–188	B 62 M	27/02
		29/00
189	B 62 M	29/02
190–193	B 62 M	27/02
		29/00
194–195	B 62 M	29/02
196	B 62 M	27/02
		29/00
197	B 60 K	
198	B 60 P	3/06
199	B 60 S	9/205
200, 201	B 60 S	9/21
202	B 60 S	9/215
203	B 60 S	9/10
		9/20
204	B 60 S	9/00
205–207	B 62 K	11/00
	B 62 M	23/02
208	B 62 D	61/00
	B 62 K	15/00
209	B 62 D	61/12
	B 62 K	13/00
210–217	B 62 D	61/06
	B 62 K	5/02
218	B 62 D	61/00
219–220	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
221, 222	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
		13/00
223, 224	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
225	B 62 D	61/02
	B 62 K	11/08
	B 62 M	7/00
226	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
		15/00
		17/00
227–229	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
230	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
		9/00
		11/00
		13/00
		15/00
		17/00
		19/00
		21/00
		23/00
231	B 62 D	61/02
	B 62 K	11/00
	B 62 M	7/00
		9/16
232	B 60 K	5/00
	B 62 D	27/00
233	B 60 K	17/34
234–241	B 60 K	17/358
242–244	B 60 K	17/356
245–247	B 60 K	17/354
247	B 60 K	23/08
248	B 60 K	17/344
249	B 60 K	17/35
250	B 60 K	17/352
251	B 60 K	17/342
252–267	B 60 K	17/30
268–270	B 60 R	21/00
271	B 60 D	1/12
	B 60 K	28/00
	B 60 L	3/00
	B 60 R	21/00
272, 273	B 60 K	28/00
		28/04
		28/06
	B 60 L	3/02
	B 60 T	7/14
274–278	B 60 K	28/10
	B 60 T	7/12
		7/22
279	B 60 K	28/10
	B 60 L	3/04
280	B 60 K	28/10
	B 62 D	1/24
281–284	B 60 K	28/12
		28/14
	B 60 R	21/00
	B 62 D	49/08
285, 286	B 60 K	28/00
285–286	B 60 K	28/16
287–289	B 60 R	25/00
	B 62 H	5/00
290	B 60 K	28/00
		28/08
291–295	B 60 K	1/00
		3/00
		5/00
		7/00
		9/00
296	B 60 K	13/04
297	B 60 K	5/04
298	B 60 K	5/10
299, 300	B 60 K	1/00
		3/00
		5/00
		7/00
		9/00
301	B 60 K	5/00
302–304	B 60 K	3/00
305–307	B 60 K	17/00
308	B 60 K	7/00
		17/14
309	B 60 K	13/04
310	B 60 K	3/00
311, 312	B 62 O	21/00
313	B 60 K	
	B 60 L	
	B 60 R	
	B 62 O	
314	B 60 K	15/08
315, 316	B 60 K	26/00
317, 318	B 60 K	26/00
	B 62 O	51/00
319, 320	B 62 O	1/24
		51/00
321–324	B 60 K	26/00
	B 62 O	1/22
325	B 60 K	26/00
	B 60 T	7/00
	B 62 D	1/22
326	B 60 K	26/00
	B 62 D	1/02
327, 328	B 62 D	33/08
329–331	B 60 K	26/00
	B 62 D	1/02
332	B 62 D	1/14
333	B 60 K	26/00
334	B 60 K	26/00
	B 62 D	1/16
335	B 60 K	13/00
		15/00
336	B 60 K	17/00
		20/00
		23/00

U.S. Class 181

Acoustics

(IPC F 01 N)

U.S. Subclass	IPC Subclass	IPC Notation
.5	G 10 K	11/00
18–22	G 10 K	11/00
30	E 04 B	1/99
101	G 01 V	1/00
102–106	G 01 V	1/40
107–112	G 01 V	1/00
113	G 01 V	1/02
114, 115	G 01 V	1/04
116, 117	G 01 V	1/06
118	G 01 V	1/06
		1/38
119	G 01 V	1/04
120	G 01 V	1/04
		1/38
121	G 01 V	1/04
122	G 01 V	1/16
123, 124	G 01 S	15/00
125	G 01 S	3/80
		5/18
126	G 10 K	11/00
	H 04 R	25/00
127	G 10 K	11/00
128, 129	H 04 R	25/00
130	H 04 R	25/02
131, 132	A 61 B	7/02
134	H 04 R	25/00
135	A 61 B	7/02
137	H 04 R	25/00
138	G 08 B	1/00
		5/00
139	G 08 B	3/02
140–142	G 10 K	5/04
143	G 10 K	7/00
144–156	H 05 K	5/00
157–174	G 10 K	13/00
	H 04 R	7/00
175–176	G 10 K	11/00
177–195	G 10 K	11/00
196, 197	G 10 K	11/00
198–199	A 47 B	81/06
200	G 10 K	11/04
201	B 41 J	29/08
202	H 02 K	5/24
203	B 64 F	1/26

U.S. Class 181—Con.

U.S. Subclass	IPC Subclass	IPC Notation
204	F 01 N	
205	G 10 K	11/00
206	F 01 N	1/06
207	F 16 F	7/00
		15/00
208, 209	F 16 F	15/00
210	B 64 F	1/26
	E 04 H	17/00
	G 10 K	11/00
211	F 01 N	5/00
		5/02
212	F 01 N	5/00
		7/00
	G 01 K	11/00
213	F 02 K	1/00
		1/34
		1/44
		1/45
214	B 64 D	33/02
	F 02 K	11/00
215	F 02 K	1/00
		1/06
		1/08
		1/10
		1/12
		1/16
		1/18
216	F 02 K	1/08
217	B 64 F	1/26
218	B 64 F	1/26
219	F 02 K	1/08
220	F 01 N	1/14
	F 02 K	1/00
		1/28
		1/38
		1/46
221	F 01 N	3/00
222	F 01 N	1/24
223	F 41 C	21/08
	F 41 F	17/12
224	E 04 F	17/04
225	F 01 N	7/00
226	F 01 N	1/08
227, 228	F 01 N	7/08
229	F 02 M	35/00
230	B 21 J	
	F 01 N	
231	F 01 N	3/02
		3/06
232	F 01 N	7/02
233	F 16 K	47/02
	F 16 L	55/02
234	E 03 D	1/30
		1/32
		9/14
235	F 01 N	7/12
236	F 01 N	
237	F 01 N	
	F 16 K	17/00
238, 239	F 01 N	7/00
240	F 01 N	7/10
241	F 01 N	7/18
242	F 01 N	7/00
243	F 01 N	7/18
244–246	F 01 N	7/16
247	F 01 N	1/00
248	F 01 N	7/08
249–251	F 01 N	1/02
252	F 01 N	1/10
253–255	F 01 N	1/00
256–258	F 01 N	1/24
259–263	F 01 N	1/14
264–270	F 01 N	1/08
271	F 01 N	1/16
272–276	F 01 N	1/08
277, 278	F 01 N	1/16
279, 280	F 01 N	1/12
281	F 01 N	1/00
282	F 01 N	7/18
283	F 01 P	1/08
284	E 04 B	1/82
		5/52
285	E 04 B	1/00
		5/52
286	E 04 B	1/82
287	E 04 B	1/343
288	E 04 B	1/82
289	E 04 B	5/62
290	E 04 B	1/82
		2/02
291–293	E 04 B	1/82
294	E 04 B	1/84
295	E 04 B	1/82
296	F 01 N	
	G 01 K	

U.S. Class 182

Fire escapes, ladders, scaffolds

(IPC E 06 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 06 C	1/38
		7/08
2	E 04 G	1/00
		3/00
3–9	A 47 L	3/04
	A 62 B	1/16
		35/00
	A 63 B	27/06
		29/02
	E 06 C	7/18
10, 11	B 61 B	7/00
12–17	E 04 G	3/16
	E 06 C	1/00
		3/00
		5/00
		7/00
18	E 06 C	5/34
		5/44
19	C 05 B	11/00
20	E 04 G	1/00
21–26	E 06 C	1/00
27	E 04 G	1/00
28–32	A 47 C	19/08
33–33.6	A 47 C	13/00
34	A 47 C	19/22
	E 06 C	1/00
35	E 06 C	1/00
36–39	E 04 G	3/14
40, 41	E 06 C	1/56
		9/14
42–44	B 65 G	15/00
		17/00
	B 66 B	9/08
45	E 04 G	1/36
		3/12
46, 47	A 62 B	3/00
	E 06 C	7/00
48, 49	A 62 B	1/20
50	A 62 B	1/18
	F 42 B	15/06
51, 52	A 62 C	31/24
53–62	A 47 L	3/02
	E 04 G	3/00
62.5	E 04 G	1/22
	E 06 C	1/12
63–69	E 06 C	1/00
		3/00
		5/04
		7/02
70–76	A 62 B	1/06
77–81	E 06 C	9/00
82–100	E 04 G	3/00
	E 06 C	9/00
101–103	E 06 C	7/16
104, 105	E 06 C	1/18
		1/32
106	E 06 C	7/18
107–111	E 04 G	5/02
	E 06 C	1/42
112–113	A 47 L	3/02
	E 04 G	1/16
		5/00
114	E 04 G	1/00
115–126	E 06 C	7/16
127	E 06 C	5/00
128	E 04 G	1/36
129	E 04 G	1/00
		3/00
	E 06 C	5/32
130–132	E 04 G	1/00
		3/00
		5/00
		7/00
133–136	A 63 B	27/00
137–140	A 62 B	1/22
141–149	E 04 G	1/18
		3/10
150	E 04 G	3/10
151	E 04 G	1/34
152	E 04 G	1/34
	E 06 C	1/00
153–155	E 04 G	1/34
156–177	E 06 C	1/00
178	E 04 G	7/00
179	E 04 G	1/00
180	E 06 C	1/14
181–186	E 04 G	1/00
187, 188	E 04 G	3/00
189–193	A 62 B	1/20
194, 195	E 06 C	1/00
196–199	E 06 C	1/52
		5/26
200–205	E 06 C	1/40
206	E 06 C	1/36
207	E 06 C	5/04
208	E 06 C	5/06
		5/16
209–214	E 06 C	7/06
215, 216	E 06 C	7/08
217–219	E 06 C	7/10
220	E 06 C	7/08
221	A 63 B	27/00
222, 223	E 04 G	1/16
		5/08
	E 06 C	7/16
224–227	E 04 G	1/32
228	E 06 C	7/08
229	E 04 G	1/00
		3/00
230	E 04 G	1/00
		3/00
		5/00
		7/00
	E 06 C	1/00
231, 232	A 62 B	1/08
233	A 62 B	1/12
234	A 62 B	1/10
	B 66 D	5/04
235	A 62 B	1/10
236, 237	A 62 B	1/08
238	A 62 B	1/12
239	A 62 B	1/10
	B 66 D	5/04
240	A 62 B	1/10
241	A 62 B	1/08

U.S. Class 184

Lubrication

(IPC F 16 N)

U.S. Subclass	IPC Subclass	IPC Notation
1.5	F 16 C	3/14
	F 16 N	33/00
2	F 16 N	1/00
3.1, 3.2	B 61 K	3/00
4, 5	F 16 N	1/00
5	F 16 C	17/00
		21/00
		43/00
5.1	F 16 C	1/24
6	F 01 M	1/00
	F 16 N	17/06
		29/00
6.1	F 01 M	9/00
6.16, 6.17	F 01 M	1/00
6.18–6.2L	F 01 M	9/00
6.2	F 01 M	3/00
6.22	F 01 M	5/00
6.23	F 01 M	11/08
6.24, 6.25	F 01 M	1/10
6.26	F 01 M	1/00
6.27, 6.28	F 01 M	11/00
6.3	F 01 M	9/00
6.4	F 01 M	1/18
		11/10
6.5, 6.6	F 01 M	1/04
6.7, 6.8	F 01 M	1/00
6.9–6.15	F 01 M	9/10
7.1	F 01 M	1/06
7.2	F 16 N	
7.3	F 16 N	25/00
		27/00
		29/00
7.4	F 16 N	27/00
8	F 01 M	1/12
	F 16 N	13/22
		21/00
		25/00
9, 10	F 16 N	13/22
		25/00
11.1	F 01 M	1/00
		9/06
	F 16 N	7/26
		7/28
11.2	F 01 M	1/00
		9/06
		11/02
11.3	F 01 M	1/00
		9/06
11.4	F 16 N	7/16
11.5	F 01 M	1/00
		9/06
12	F 16 N	13/22
		25/00
13.1	F 01 M	1/00
		9/06
	F 16 N	7/26
		7/28
14	F 01 M	9/12
		11/00
	F 16 F	1/00
		1/24
	F 16 N	1/00
		3/00
		11/04
		25/00
14.1	F 01 M	9/00
15.1–15.3	F 16 N	7/16
		7/24
		13/22
16	F 16 N	7/12
		7/24
17	F 16 N	7/24
		25/04
18	F 16 N	1/00
19	F 16 N	7/12
20	F 16 N	13/20
		25/04
21	F 16 N	7/16
22	F 16 N	7/12
23	F 16 N	13/20
		25/04
24	F 16 N	1/00
25	F 16 N	7/12
26	F 01 M	1/00
	F 16 N	7/36
		7/38
		13/00
27	F 16 N	7/14
		7/36
		13/10
28	F 16 N	3/12
		13/08
29	F 16 N	11/10
		13/16
30	F 16 N	9/04
31	F 16 N	13/20
		25/04
32	F 16 N	9/04
		13/02
33	F 16 N	13/20
		25/04
34	F 16 N	9/04
		13/02
		25/02
35	F 16 N	13/20
		25/04
36	F 16 N	21/00
37	F 16 N	7/14
38	F 16 N	3/12
		13/08
39	F 16 N	5/00
		11/10
		13/16
40	F 16 N	11/10
		13/16
41, 42	F 16 N	11/08
		11/10
		13/16
43	F 16 N	7/36
		11/12
44	F 16 N	9/04
45	F 16 N	11/04
		11/08
46	F 16 N	11/06
47	F 16 N	1/00
		13/02
48	F 16 N	11/08
49	F 16 N	7/32
		11/10
		13/16
		15/04
		21/00
50, 51	F 16 N	11/10
		13/16
		21/00
52–54	F 16 N	11/10
		13/16
55	F 01 M	1/08
	F 16 N	5/00
		7/32
		7/34
56, 57	F 16 N	7/34
58, 59	F 16 N	17/06
60	F 16 N	11/10
		13/16
61	F 16 N	7/14
		7/24
		21/00
62	F 16 N	7/14
63	F 16 N	25/04
64	F 16 N	7/12
65	F 01 M	9/06
		9/08
	F 16 N	7/02
		11/06
66, 67	F 16 N	29/00
68, 69	F 16 N	27/00
		29/00
71	F 16 N	11/08
		13/10
		25/04
		29/00
72	F 16 N	11/10
		13/16
		25/04
		29/00
73	F 16 N	9/04
		25/04
		29/00
74	F 16 N	11/08
		13/10
		29/00
75	F 16 N	29/00
76	F 16 N	11/10
		13/16
		29/00
77	F 16 N	7/36
		11/12
		29/00
78	F 16 N	9/04
		29/00
79	F 16 N	25/02
		29/00
80	F 16 N	23/00
81	F 01 M	9/06
		9/08
	F 16 N	7/02
		11/06
82	F 16 N	23/00
83	F 16 N	27/00
84	F 16 N	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 184—Con.		
85	F 16 N	17/06
86, 87	F 16 N	23/00
88	F 16 N	11/00
		13/22
		19/00
89, 90	F 16 N	11/00
91	F 16 N	11/04
92	F 16 N	11/00
93	F 16 N	11/04
94	F 16 N	11/00
95	F 16 N	11/04
96	F 16 N	3/00
		7/00
		9/00
		11/00
97	F 16 N	21/00
98	F 16 N	15/00
		39/00
99	F 16 N	15/00
		26/00
100	F 16 N	1/00
101	F 16 N	7/24
		25/04
102	F 16 N	7/12
103	F 01 M	11/12
104	F D1 M	5/00
	F 01 P	11/08
	F 16 N	7/08
		17/02
		17/04
		39/00
105	F D1 M	11/04
106	F 16 N	31/00
107, 108	F 01 M	1/18
		11/06
		11/10
109	F 01 M	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
	F 16 N	1/00
U.S. Class 185		
Motors, spring, weight and animal powered		
(IPC F 03 G)		
2	F D3 G	
3	F 03 G	5/00
4–7	F D3 G	3/00
9–14	F 03 G	1/00
15–25	F 03 G	5/00
27–36	F 03 G	3/00
37–45	F 03 G	1/00
U.S. Class 186		
Store service		
(IPC B 61 B)		
2, 3	B 65 G	47/00
4–6	B 61 B	13/00
7	B 61 B	3/02
8–13	B 61 B	13/00
14–18	B 61 B	9/00
19–21	B 61 J	1/06
22	B 66 B	9/00
23	B 66 B	1/24
24, 25	B 61 K	7/00
26, 27	B 61 D	15/00
28	B 61 D	15/12
29–32	B 61 D	15/00
33	B 61 B	9/00
34	E D1 B	25/00
35, 36	A 47 F	
	B 61 B	
	B 61 D	
	B 65 G	47/00
	E 04 H	3/00
37	B 61 B	
	B 65 G	
	E 04 H	1/12
		3/06
38–51	E D4 H	3/04
52–58	B 61 B	
	B 65 G	
	E D4 H	3/00
59–68	A 63 F	9/02
69	E D4 H	3/00
U.S. Class 187		
Elevators		
(IPC B 66 B)		
1–8	B 66 B	9/00
8.41–8.77	B 60 S	13/00
	B 66 F	7/00
9–11	B 66 B	9/20
12–14	B 66 B	9/06
15	B 66 B	17/12
16	B 66 B	9/00
17–27	B 66 B	11/04
28–50	B 66 B	1/00
51–61	B 66 B	13/00
62–66	B 66 B	13/24
67	B 66 B	5/28
68–72	B 66 B	5/00
73–93	B 66 B	5/16
94	B 66 B	17/12
95	B 66 B	7/02
96	B 66 B	15/00
97	B 66 B	17/22
98	B 66 B	5/00
U.S. Class 188		
Brakes		
(IPC F 16 D)		
1.11	F 16 D	66/00
1.12	B 60 B	33/00
2	B 60 T	1/00
3	B 60 T	7/20
4	B 60 T	1/00
5–7	B 60 T	1/14
8	B 62 B	17/08
9–15	B 62 C	7/00
16	B 60 T	1/00
17, 18	B 60 T	1/06
19	B 62 B	5/04
20	B 62 B	9/08
21–23	B 60 T	1/00
24.11	B 62 L	1/00
		3/00
24.12	B 62 L	1/02
24.13	B 62 L	1/06
24.14	B 62 L	1/06
		5/20
24.15	B 62 L	5/20
24.16	B 62 L	1/06
		3/00
24.17	B 62 L	5/00
24.18	B 62 L	3/00
		3/06
24.19	B 62 L	1/06
24.21	B 62 L	3/00
24.22	B 62 L	3/00
25	B 62 L	5/10
26, 27	B 62 L	5/00
28–31	B 60 T	1/00
32	B 60 T	3/00
33–37	B 61 H	13/00
38–40	B 61 H	13/12
41, 42	B 61 H	7/00
43–45	B 61 H	7/12
46–59	B 61 H	13/00
60	B 61 K	7/20
61	B 61 H	13/00
62	B 61 K	7/02
63	B 61 H	13/00
64	B 65 H	59/00
65.1–65.3	B 65 H	59/16
65.4, 65.5	B 65 H	59/14
67	B 65 H	59/10
68	F 16 D	63/00
69	B 62 C	7/02
70	F 16 D	63/00
71.1	F 16 D	55/00
71.2	F 16 D	55/02
71.3, 71.4	F 16 D	55/04
71.5	F 16 D	55/36
71.6–71.9	F 16 D	55/02
72.1	F 16 D	55/08
72.2	F 16 D	55/14
		55/46
72.3	F 16 O	55/22
72.4	F 16 D	55/18
72.5	F 16 D	55/228
72.6	F 16 O	55/26
72.7–72.9	F 16 O	55/08
		55/16
73.1, 73.2	F 16 O	65/00
73.31	F 16 O	55/00
73.32	F 16 O	55/00
73.33	F 16 D	65/14
73.34	F 16 D	65/09
73.35–73.37	F 16 D	65/38
73.38	F 16 D	65/40
73.39	F 16 D	65/38
73.41–73.46	F 16 D	65/14
73.47	F 16 O	55/00
74–79.5	F 16 D	51/00
80–85	F 16 D	63/00
105–109	F 16 O	65/14
110	B 6D T	7/12
111	B 6D T	7/18
112	B 6D T	7/20
113–125	B 6D T	7/12
127–135	B 6D T	7/12
136	F 16 D	51/60
137–141	B 6D T	7/12
142	B 60 T	11/10
143	B 60 T	7/12
144	B 61 H	13/00
145–149	B 60 T	7/12
151–155	B 60 T	11/10
156, 157	F 16 O	65/36
158	B 6D L	7/00
159, 160	B 6D L	7/10
	H 02 K	49/00
161–165	B 60 L	7/00
166–169	B 6D T	13/04
170	F 16 D	65/24
171–176	B 6D T	13/04
177	B 6D T	8/24
178, 179	B 60 T	13/04
184–188	B 6D T	
189	B 6D T	
190–194	B 6D T	8/24
195	B 60 T	8/18
196	F 16 O	65/38
197–201	F 16 O	65/52
202, 203	F 16 D	65/56
204–217	F 16 D	65/14
218	F 16 D	65/10
219.1–233.7	B 61 H	13/36
234–249	F 16 D	65/04
250–262	F 16 D	69/00
264	F 16 D	65/78
265	F 16 D	69/00
266	F 16 D	57/00
	F 16 F	9/12
267	F 16 F	15/03
268	F 16 F	9/30
269	F 16 F	9/06
270	B 6D T	1/16
271	F 16 F	11/00
272	F 16 F	57/00
273	F D2 D	9/06
274	F 16 F	9/42
275	F 16 F	9/34
276, 277	F 16 F	9/52
278	F 16 F	9/44
279	F 16 F	9/50
280	F 16 F	9/49
281–283	F 16 F	9/50
284–289	F 16 F	9/48
290	F 16 D	57/00
291	F 16 D	57/02
292	F 16 O	57/06
293, 294	F 16 O	57/02
295	F 16 O	57/06
296	F 16 D	57/02
297	F 16 F	9/24
298	F 16 F	9/04
		9/08
299	F 16 F	9/46
300	F 16 F	9/32
301	F 16 F	9/02
302	F 16 F	9/16
303	F 16 F	9/28
304	F 16 F	9/26
305	F 16 F	9/16
306–310	F 16 F	9/14
311–320	F 16 F	5/00
		9/00
321.11	F 16 F	9/00
322.11	F 16 F	9/00
322.12	F 16 F	9/38
322.13–322.15	F 16 F	9/34
322.16–322.18	F 16 F	9/36
322.19	F 16 F	9/00
322.21	F 16 F	9/43
322.22	F 16 F	9/00
322.5	F 16 F	11/00
323–343	F 16 D	51/00
344–370	B 60 T	11/00
371–377	F 16 F	7/12
378–380	F 16 F	7/10
381	F 16 F	11/00
382	F 16 F	9/00
U.S. Class 190		
Baggage		
(IPC A 45 C)		
1	A 45 C	9/00
2	A 47 C	17/82
		19/22
3–7	A 47 B	61/06
		85/08
8	A 45 F	4/00
	A 47 C	13/00
9	A 47 B	85/08
10	A 47 B	85/08
11, 12	A 45 F	3/00
	A 47 B	3/10
13–15	A 47 B	61/06
15.1	A 45 F	5/00
	A 47 C	13/18
16, 17	A 45 C	3/00
		5/00
		13/00
18	A 45 C	5/00
		13/00
	A 45 F	3/44
19	A 45 C	5/00
20	A 45 C	5/08
21, 22	A 45 C	7/00
23	A 45 C	5/00
24	A 45 C	5/12
		13/00
25	A 45 C	13/36
26, 27	A 45 C	13/30
28	A 45 C	5/00
29–36	A 45 C	5/12
		13/00
37	A 45 C	13/36
39	A 45 C	13/26
40	A 45 C	5/02
100	A 45 C	3/00
		3/02
101	A 45 C	13/18
102	A 45 C	13/00
		13/40
103–105	A 45 C	7/00
106	A 45 C	13/34
107	A 45 C	7/00
108–114	A 45 C	3/00
115	A 45 C	13/00
		13/30
116	A 45 C	13/00
		13/22
117, 118	A 45 C	13/26
119, 120	A 45 C	13/10
121	A 45 C	13/06
122, 123	A 45 C	13/04
124–126	A 45 C	13/00
127	A 45 C	13/36
U.S. Class 191		
Electricity, transmission to vehicles		
(IPC B 60 L)		
1	B 60 L	9/00
2–6	B 6D L	1/00
		9/00
7	B 6D L	1/00
		9/24
8	B 6D L	1/00
		9/00
9	B 60 M	1/00
	B 61 J	1/02
10, 11	B 6D L	9/00
12, 12.2	H D2 G	11/00
12.4	H D2 G	11/02
13–22	B 6D M	1/00
23–29	B 6D M	1/34
30, 31	B 6D M	1/04
32	B 6D M	1/30
33, 34	B 60 M	
35	B 60 M	1/04
36	B 6D M	1/20
37	B 60 M	1/14
38, 39	B 6D M	1/18
40	B 60 M	1/20
41	B 60 M	1/22
42–44.1	B 60 M	1/24
45, 46	B 60 L	5/00
47	B 60 L	5/08
48	B 6D L	5/40
49	B 60 L	5/38
50	B 6D L	5/04
51	B 60 L	5/34
52	B 60 L	5/06
		5/08
53, 54	B 60 L	5/04
55	B 60 L	5/08
		5/20
56	B 6D L	5/06
57, 58	B 60 L	5/36
59	B 60 L	5/06
		5/08
59.1	B 6D L	5/06
		5/08
		5/20
60	B 60 L	5/06
		5/08
60.1–60.5	B 60 L	5/06
		5/08
61	B 60 L	5/06
62	B 60 L	5/02
63–63.5	B 60 L	5/06
64	B 60 L	5/12
65	B 60 L	5/12
		5/22
66–70	B 60 L	5/12
		5/16
71	B 60 L	5/00
72–84	B 6D L	5/10
85–94	B 60 L	5/00
		5/14
95	B 60 L	5/00
U.S. Class 192		
Clutches and power-stop control		
(IPC F 16 D)		
.02, .03	F 16 D	23/00
		43/00
		47/00

U.S. Class 192—Con.

U.S. Subclass	IPC Subclass	IPC Notation
.032–.034	F 16 D	23/00
		43/22
		47/00
.04	B 6D K	41/28
	F 16 D	21/04
		23/00
		47/00
.042–.046	F 16 D	21/04
		23/00
		47/00
.048	F 16 D	23/00
		47/00
.049	F 16 D	23/00
		47/00
		62/02
		67/02
.052	F 16 D	21/04
		47/00
.055, .058	F 16 D	23/00
		47/00
		67/02
.062	F 16 D	21/04
		23/00
		47/00
.07	F 16 D	23/00
		47/00
.072	F 16 D	21/04
		23/00
		23/00
		47/00
		47/00
		62/02
		67/02
.073	F 16 D	21/04
		23/00
		47/00
.075	F 16 D	23/00
		47/00
.076	F 16 D	23/00
		23/10
		47/00
.077	F 16 D	23/00
		47/00
.08	F 16 D	21/04
		23/00
		47/00
.082	F 16 D	23/00
		47/00
		67/02
.084	F 16 D	23/00
		47/00
.09, .092	F 16 D	21/04
		23/00
		47/00
		67/02
.094	F 16 D	23/00
		47/00
		67/02
.096, .098	F 16 D	23/00
		47/00
.096–.098	B 6D K	41/00
		41/02
1–3	B 6D K	41/20
	F 16 D	23/00
		67/00
3.21	F 16 D	33/00
		35/00
		37/00
3.22	F 16 D	33/04
		35/00
3.23–3.34	F 16 D	33/00
		35/00
		37/00
3.51–3.63	B 6D K	41/22
	F 16 D	67/00
4–6	B 6D K	41/26
	F 16 D	41/24
		67/00
	F 16 H	57/10
7, 8	F 16 D	57/10
		67/00
9	F 16 D	67/00
	F 16 H	57/10
10, 11	F 16 D	13/76
		67/00
	F 16 H	57/10
12, 13	B 6D K	41/24
	F 16 D	67/02
14	F 16 D	13/76
		67/02
15	F 16 D	67/02
16	F 16 D	13/76
		67/02
17	F 16 D	67/02
18	F 16 D	11/06
		13/22
		67/02
19	F 16 D	67/02
20	F 16 D	21/04
21	F 16 D	11/06
		21/04
21.5	F 16 D	27/00
22, 23	F 16 D	1/00
		37/02
24	F 16 D	11/06
25	F 16 D	3/44
26	F 16 D	11/06
27	F 16 D	3/34
		15/00
28	F 16 D	11/00
29	F 16 D	11/06
30	F 16 D	11/00
31	F 16 D	13/04
		23/00
		31/00
		41/00
		43/00
32–35	F 16 D	13/04
		23/00
		41/00
		43/00
36	F 16 D	13/04
		23/00
		41/20
		43/00
		67/02
37	F 16 D	11/06
		13/04
		15/00
		23/00
		43/00
38	F 16 D	3/34
		11/06
		13/04
		23/00
		41/06
		43/00
39	F 16 D	11/06
		13/04
		23/00
		43/00
40	F 16 D	13/04
		27/00
		37/02
		43/00
41	F 16 D	11/06
		13/04
		23/00
42	F 16 D	13/04
		23/00
		43/00
43	F 16 D	11/06
		13/04
		23/00
		41/10
		43/00
43.1, 43.2	F 16 D	11/06
		13/04
		23/00
		43/00
44	F 16 D	3/34
		11/06
		13/04
		15/00
		41/06
		43/00
45	F 16 D	3/34
		11/06
		13/04
		15/00
		23/00
		43/00
45.1	F 16 D	15/00
		23/00
		41/06
		43/00
45.2	F 16 D	13/00
		23/00
		43/00
46	F 16 D	11/00
		13/00
		13/04
		23/00
		43/00
47	F 16 D	13/04
		23/00
		43/00
48.1	F 16 D	21/00
		39/00
		43/00
48.2	F 16 D	27/08
48.3, 48.4	F 16 D	47/00
48.5	F 16 D	47/02
48.6	F 16 D	47/04
48.7	F 16 D	21/08
48.8, 48.9, 48.91	F 16 D	21/02
48.92	F 16 D	41/04
49	F 16 D	21/08
		39/00
50	F 16 D	21/08
		39/00
		41/00
51	F 16 D	11/06
		21/08
52	F 16 D	11/06
53	F 16 D	11/00
		13/00
54, 55	F 16 D	7/00
		23/00
		43/20
56	F 16 D	7/02
		23/00
		43/20
57	F 16 D	25/00
		31/00
58	F 16 D	31/00
59	F 16 D	25/06
		31/02
60	F 16 D	31/02
61	F 16 D	31/04
62–64	F 16 D	23/00
65	F 16 D	11/00
		13/22
66	F 16 D	11/04
		13/22
67, 68	F 16 D	11/04
		11/10
		13/22
70	F 16 D	11/06
		13/22
70.11	F 16 D	11/04
		13/22
70.12	F 16 D	13/72
		13/74
70.13	F 16 D	13/00
70.14	F 16 D	13/00
70.15	F 16 D	13/24
		13/66
70.16	F 16 D	13/58
70.17	F 16 D	13/68
70.18	F 16 D	13/18
70.19, 70.2	F 16 D	13/52
70.21	F 16 D	13/54
70.22	F 16 D	13/04
70.23, 70.24	F 16 D	13/42
70.25, 70.26	F 16 D	13/54
70.27, 70.28	F 16 D	13/50
70.29, 70.3	F 16 D	11/06
		13/22
		13/38
		13/48
71	F 16 D	11/06
72, 73	F 16 D	11/06
		13/04
		15/00
		23/00
		43/00
74, 75	F 16 D	11/06
		13/14
76	F 16 D	11/06
		13/14
77, 78	F 16 D	11/06
		13/14
		13/16
79–81	F 16 D	11/06
82	F 16 D	11/00
		19/00
83	F 16 D	19/00
		21/00
84	F 16 D	19/00
		27/00
		37/02
85	F 16 D	19/00
		25/00
86	F 16 D	19/00
		21/00
		25/00
87.1	F 16 D	19/00
		21/08
		25/10
87.11	F 16 D	19/00
		21/08
		25/00
87.12	F 16 D	19/00
		21/08
		23/10
		25/00
87.13–87.19	F 16 D	19/00
		21/08
		39/00
		41/00
88	F 16 D	19/00
		21/00
		23/00
89, 90	F 16 D	13/44
		19/00
		21/00
		23/00
91	F 16 D	13/44
		19/00
		21/00
		23/00
		25/00
92–102	F 16 D	19/00
		21/00
		23/00
103	F 16 D	23/10
		43/06
104–106	F 16 D	23/10
		43/24
106.1, 106.2	F 16 D	3/14
		47/02
		69/00
107–111	F 16 D	11/00
		13/60
112	F 16 D	11/00
		13/60
113	F 16 D	13/60
		13/72
		13/74
114	F 16 D	13/60
115	F 16 D	13/68
116.5	F 16 D	14/04
		67/00
	F 16 P	3/00
125–128	F 16 D	67/00
		71/00
	F 16 P	3/00
129–131	F 16 D	3/06
		7/00
		9/00
		67/00
		71/00
132–135	F 16 D	7/00
		9/00
		67/00
		71/00
	F 16 P	3/08
136, 137	F 16 D	7/00
		67/00
		71/00
	F 16 P	3/00
138–150	F 16 D	11/04
		13/22
		13/54
		67/00
		71/00
	F 16 P	3/00

U.S. Class 193

Conveyers, chutes, skids, guides and ways

(IPC B 65 G)

U.S. Subclass	IPC Subclass	IPC Notation
1–7	B 65 G	11/00
8	B 65 G	11/04
9–11	B 65 G	11/00
12, 13	B 65 G	11/06
14–24	B 65 G	11/00
25	B 65 G	11/10
27–29	B 65 G	11/00
30	B 65 G	11/14
31, 32	B 65 G	11/20
33, 34	B 65 G	11/16
35–37	B 65 G	13/00
38–41	B 65 G	11/00
42	B 65 G	13/00

U.S. Class 194

Check-controlled apparatus

(IPC G 07 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 07 F	1/00
		3/00
		5/00
		9/00
		17/00
2	G 07 F	11/00
3	G 07 F	13/00
		15/00
4	G 07 F	1/06
5	G 07 F	13/00
		15/00
6	G 07 F	5/10
7	G 07 F	11/00
8	G 07 F	9/02
		15/10
9	G 07 F	5/10
10	G 07 F	11/00
11	G 07 F	13/00
		15/00
12	G 03 B	
	G 07 F	17/16
13	G 07 F	13/00
		15/00
14	G 07 F	5/00
15	G 11 B	19/08
16	G 07 F	9/02
		15/10
17	G 07 F	5/02
18, 19	G 07 F	5/00
20	G 07 F	13/00
		15/00
		17/04
21	G 07 F	17/04
22	G 07 F	11/00
23	G 07 F	1/00
		11/24
24, 25	G 07 F	11/00
		11/58
26	G 07 F	11/00
		11/24
27	G 07 F	11/00
28	G 03 B	
	G 07 F	17/16
29	G 07 F	13/00
		15/00
30	G 07 F	17/32
31	G 11 B	19/08
32	G 07 F	5/00
33–36	G 07 F	17/04
37	G 07 F	11/00
38	G 07 F	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 194—Con.		
		11/26
		11/58
39	G 07 F	11/00
		11/20
		11/22
40	G 07 F	17/10
41	G 07 F	17/32
42	G 03 B	
	G 07 F	17/16
43	G 07 F	13/00
		15/00
44	G 07 F	17/00
	H 04 M	17/00
45	G 07 F	5/00
46	G 07 F	15/00
47	G 07 F	17/04
48	G 07 F	11/00
49	G 07 F	17/00
50	G 07 F	17/32
51	G 07 F	5/26
		17/12
		17/14
52	G 03 B	
	G 07 F	17/16
53	G 07 F	13/00
		15/00
54, 55	G 07 F	5/00
56	G 07 F	13/00
		15/00
		17/04
57	G 07 F	11/00
58	G 07 F	11/00
		11/20
		11/22
59	G 07 F	17/12
		17/14
60	G 07 F	15/00
61	G 07 F	5/00
62	G 07 F	13/00
		15/00
		17/04
63	G 07 F	11/00
64	G 07 F	17/00
65	G 07 F	5/26
		17/14
66	G 07 F	5/00
		13/00
67	G 07 F	5/00
68	G 07 F	11/00
69, 70	G 07 F	5/00
71	G 07 F	11/00
72–74	G 07 F	5/00
75	G 07 F	11/00
76	G 07 F	17/32
77	G 07 F	13/00
		15/00
78	G 07 F	5/00
		11/00
79	G 07 F	
80	G 07 F	11/00
		11/20
		11/22
81	G 07 F	17/32
82	G 07 F	13/00
		15/00
83, 84	G 07 F	5/00
85	G 07 F	11/00
86	G 07 F	17/32
87	G 07 F	13/00
		15/00
88	G 07 F	11/00
89	G 07 F	17/32
90	G 07 F	13/00
		15/00
91	G 07 F	11/00
92	G 07 F	5/00
93	G 07 F	11/00
94	G 07 F	5/00
95	G 07 F	17/02
96	G 07 F	3/02
		9/02
97–103	G 07 F	3/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 196		
Mineral oils: apparatus		
(IPC C 10 G)		
14.5	C 10 G	73/00
14.52	B 01 D	11/00
	C 10 C	1/18
		3/08
	C 10 G	21/00
46, 46.1	C 10 C	1/20
	C 10 G	17/00
		19/00
		21/00
		33/00
98–105	B 01 D	1/00
		3/00
	C 10 C	1/04
		3/06
	C 10 G	1/02
		7/00
		9/08
106	B 01 D	1/26
		3/02
	C 10 G	7/00
107–111	B 01 D	1/00
		3/04
	C 10 G	1/02
		7/00
		9/18
112	B 01 D	1/00
		3/08
	C 10 G	7/00
114	B 01 D	3/10
	C 10 G	7/00
115	B 01 D	1/00
		3/00
	C 10 G	7/00
116–119	C 10 G	1/02
		7/00
120, 121	C 10 G	1/02
		7/00
122	C 10 G	7/00
		9/12
123–125	B 01 D	3/00
	C 10 G	7/00
126, 127	B 01 D	3/08
	C 10 G	7/00
128	B 01 D	3/28
	C 10 G	7/00
129–131	B 01 D	1/00
		3/00
	C 10 G	7/00
132	B 01 D	3/42
	C 10 G	7/00
133, 134	B 01 D	1/00
		3/00
	C 10 G	7/00
135	B 01 D	1/00
		3/00
	C 10 G	7/00
136, 137	B 01 D	1/00
		3/00
	C 10 G	7/00
138–140	B 01 D	3/00
		5/00
	C 10 G	7/00
141	B 01 D	3/42
		5/00
	C 10 G	7/00
155	B 01 D	
	C 10 G	
U.S. Class 198		
Conveyers,power-driven		
(IPC B 65 G)		
300	B 65 G	41/00
		65/02
301	B 65 G	41/00
		43/00
		65/02
302–306	B 65 G	41/00
		65/02

U.S. Subclass	IPC Subclass	IPC Notation
307	B 65 G	17/36
		41/00
		65/02
308	B 65 G	65/04
		65/14
309310	B 65 G	41/00
		65/02
311	B 65 G	41/00
		47/18
		47/44
		65/02
312	B 65 G	21/10
		41/00
		65/02
313	B 65 G	15/26
		17/28
		21/14
		41/00
		65/02
314	B 65 G	21/10
		37/00
		41/00
		65/02
315–320	B 65 G	21/10
		41/00
		65/02
321	B 65 G	15/00
		17/00
	B 66 B	21/00
		23/00
		25/00
		29/00
		31/00
322, 323	B 65 G	15/00
		17/00
		43/00
	B 66 B	25/00
324, 325	B 65 G	15/00
		17/00
		47/66
	B 66 B	29/08
326–328	B 66 B	21/00
		21/02
329	B 65 G	23/24
	B 66 B	23/16
330	B 66 B	21/00
		23/02
331	B 66 B	21/00
		23/06
332, 333	B 66 B	23/12
334	B 65 G	23/00
	B 66 B	21/12
		23/26
335–338	B 65 G	15/00
		17/00
	B 66 B	23/22
		23/24
339	B 21 B	39/00
	B 23 B	13/00
	B 23 D	47/04
	B 23 Q	5/22
		7/00
	B 27 B	25/00
	B 65 G	47/00
340	B 65 G	43/00
341	B 65 G	43/00
342	B 65 G	49/02
343, 344	B 65 G	15/00
		17/00
		47/00
345	B 65 G	15/64
		21/20
		47/00
346	B 65 G	47/00
347	B 65 G	1/00
		37/00
348–355	B 65 G	37/00
		47/10
		47/46
356	B 65 G	37/00
		43/00
		43/08
		47/10
		47/46
357	B 65 G	37/00
		43/00

U.S. Subclass	IPC Subclass	IPC Notation
		47/10
		47/46
358	B 65 G	37/00
		43/00
		43/08
		47/10
		47/46
359, 360	B 65 G	37/00
		47/10
		47/44
		47/46
361	B 65 G	13/00
		37/00
		47/10
		47/46
362–372	B 65 G	37/00
		47/10
		47/46
373–375	B 65 G	47/24
376	B 65 G	43/08
		47/24
377	B 65 G	17/32
		29/00
		47/24
378	B 65 G	17/32
		23/38
		29/00
		47/24
379	B 65 G	47/24
		47/86
380–383	B 65 G	47/24
384–387	B 65 G	17/32
		29/00
		47/24
		47/84
388	B 65 G	47/24
389, 390	B 65 G	47/24
		47/44
391	B 65 G	27/00
		47/24
392	B 65 G	29/00
		47/24
393	B 65 G	17/32
		29/00
		47/14
		47/84
394	B 65 G	47/24
395	B 65 G	43/08
		47/24
396	B 65 G	47/14
		47/24
397	B 65 G	17/32
		29/00
		47/24
		47/84
398–400	B 65 G	47/24
401	B 65 G	43/08
		47/24
402, 403	B 65 G	47/24
404	B 65 G	15/00
		17/00
		29/00
		47/24
405	B 65 G	15/00
		17/00
		47/24
406, 407	B 65 G	47/24
408	B 65 G	15/00
		17/00
		29/00
		47/24
409	B 65 G	25/00
		47/24
410–413	B 65 G	47/24
414	B 65 G	29/00
		47/24
415, 416	B 65 G	47/24
417	B 65 G	47/24
		47/44
418–420	B 65 G	47/26
421	B 65 G	47/26
		59/00
422, 423	B 65 G	47/26
		57/00

U.S. Subclass	IPC Subclass	IPC Notation
424–428	B 65 G	47/26
429, 430	B 65 G	25/00
		47/26
431–434	B 65 G	47/26
435, 436	B 65 G	47/26
		47/68
437	B 65 G	43/00
		47/26
		47/68
438, 439	B 65 G	47/26
440	B 65 G	47/26
		47/84
441	B 65 G	29/00
		47/26
		47/84
442	B 65 G	47/26
443	B 65 G	47/12
		47/26
444	B 65 G	41/12
		43/00
		47/26
445	B 65 G	47/12
		47/26
		47/68
446	B 65 G	27/00
		47/12
		47/26
		47/68
447, 448	B 65 G	47/12
		47/26
		47/68
449	B 65 G	47/12
		47/26
		47/68
		47/84
		47/91
450	B 65 G	29/00
		47/12
		47/26
		47/68
453–455	B 65 G	47/12
		47/26
456–459	B 65 G	47/26
460	B 65 G	43/00
		47/26
461, 462	B 65 G	47/31
463	B 65 G	37/00
464–468	B 65 G	37/00
		43/00
469, 470	B 65 G	37/00
		43/08
471–474	B 65 G	37/00
475	B 65 G	33/02
		37/00
476–478	B 65 G	29/00
		37/00
		47/84
479	B 65 G	29/00
		37/00
		47/86
480, 481	B 65 G	29/00
		37/00
		47/84
482	B 65 G	37/00
		47/04
		47/34
		47/84
483, 484	B 65 G	37/00
		47/34
		47/84
485–490	B 65 G	25/00
		37/00
491, 492	B 65 G	37/00
493	B 65 G	47/22
494–499	B 65 G	45/00
500	B 65 G	45/02
501	B 65 G	39/00
		45/02
502	B 65 G	43/00
		47/00
503	G 06 M	7/00
504	G 01 G	11/00

U.S. Class 198—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		13/00
		19/22
505	G 01 G	11/08
		13/22
506	B 65 G	65/00
507	B 65 G	43/00
		65/00
508	B 65 G	65/00
		65/02
		65/28
509	B 65 G	17/36
		65/02
510–512	B 65 G	65/02
513	B 65 G	65/22
514	B 65 G	65/02
515	B 65 G	65/16
516	B 65 G	65/06
517	B 65 G	65/08
518	B 65 G	65/16
519	B 65 G	65/02
520	B 65 G	19/00
		65/00
		65/06
521	B 65 G	27/00
		65/00
		65/14
522	B 65 G	65/04
523	B 65 G	11/00
		13/00
		47/04
		47/18
		47/44
524	B 65 G	43/00
		47/04
		47/18
		47/44
525–529	B 65 G	47/04
		47/19
		47/44
530–532	B 65 G	47/04
		47/19
		47/44
533, 534	B 65 G	47/04
		47/19
		47/44
535, 536	B 65 G	21/10
		47/04
		47/20
		47/44
537	B 65 G	47/04
		47/18
		47/44
538	B 65 G	21/10
		47/04
		47/20
		47/44
539	B 65 G	13/00
540–543	B 65 G	47/04
		47/18
544	B 65 G	15/00
		17/00
		19/00
		47/04
		47/18
545	B 65 G	33/00
		47/04
		47/18
546	B 65 G	47/04
		47/18
		47/44
547	B 65 G	15/00
		17/00
		19/00
		47/04
		47/18
548	B 65 G	33/00
		47/04
		47/18
549	B 65 G	17/36
		47/04
		47/18
550–554	B 65 G	15/00
		17/00
		47/06
		47/18
		47/44
555	B 65 G	33/00
		47/18
		47/44
		65/34
556	B 65 G	17/36
		47/18
		47/44
		65/34
557	B 65 G	15/00
		17/00
		47/18
		47/44
		65/34
558	B 65 G	33/00
		47/18
		47/44
		65/04
559	B 65 G	17/36
		47/18
		47/44
		65/34
560, 561	B 65 G	47/44
562	B 65 G	47/04
		47/18
563	B 65 G	47/04
		47/18
564	B 65 G	31/00
		47/04
		47/18
565–567	B 65 G	47/04
		47/18
568, 569	B 65 G	47/44
570	B 65 G	37/00
571	B 65 G	37/00
		43/00
572, 573	B 65 G	37/00
		43/08
574	B 65 G	37/00
575	B 65 G	43/10
576, 577	B 65 G	37/00
578	B 65 G	21/10
		37/00
		41/00
579, 580	B 65 G	37/00
581	B 65 G	21/10
		37/00
		41/00
582	B 65 G	37/00
		47/18
583	B 65 G	21/06
		37/00
		41/00
584	B 65 G	21/06
		21/10
		37/00
585	B 65 G	37/00
586, 587	B 65 G	21/10
		37/00
588	B 65 G	15/26
		17/28
		21/10
		21/14
		37/00
589	B 65 G	21/10
		37/00
590	B 65 G	21/10
		37/00
		41/00
591	B 65 G	21/10
		21/20
		37/00
592, 593	B 65 G	21/10
		37/00
594	B 65 G	15/26
		17/28
		21/10
		21/14
		37/00
595, 596	B 65 G	21/10
		27/34
597, 598	B 65 G	37/00
		47/18
		47/34
		47/44
		65/34
599	B 65 G	37/00
		47/34
		47/76
600	B 65 G	37/00
		47/66
601	B 65 G	37/00
		47/72
602, 603	B 65 G	37/00
604, 605	B 65 G	15/14
		37/00
606, 607	B 65 G	15/24
		17/26
		37/00
608	B 65 G	29/00
		37/00
609	B 65 G	27/34
		37/00
610	B 65 G	37/00
611–613	B 65 G	29/00
		37/00
614	B 65 G	25/00
		29/00
		37/00
615	B 65 G	35/00
616	B 65 G	65/34
617	B 65 G	47/00
618, 619	B 65 G	35/00
620	B 65 G	37/00
621	B 65 G	25/00
		37/00
622, 623	B 65 G	37/00
624	B 65 G	29/00
		37/00
625	B 65 G	33/06
		37/00
626–628	B 65 G	15/14
629, 630	B 65 G	35/00
631, 632	B 65 G	21/10
		41/00
633	B 65 G	47/74
634	B 65 G	43/00
		43/08
		47/42
635–637	B 65 G	47/74
638	B 65 G	31/00
639	B 65 G	31/00
		43/00
640, 641	B 65 G	31/00
642	B 65 G	31/04
643	B 65 G	15/00
		17/00
644	B 65 G	49/00
645–648	B 65 G	25/00
		29/00
		47/84
		49/00
649	B 65 G	49/00
		49/06
650	B 65 G	47/86
		49/06
651, 652	B 65 G	25/00
		29/00
		47/84
		49/00
653, 654	B 65 G	25/00
		29/00
		47/86
		49/00
655	B 65 G	25/00
		29/00
		47/84
		49/00
656	B 65 G	17/34
		25/00
		29/00
		49/00
657	B 65 G	33/00
658	B 65 G	33/12
659–662	B 65 G	33/26
663	B 65 G	33/06
664, 665	B 65 G	33/30
666–668	B 65 G	33/32
669	B 65 G	33/26
670, 671	B 65 G	33/00
672, 673	B 65 G	33/32
674, 675	B 65 G	33/34
676, 677	B 65 G	33/26
678	B 65 G	17/32
679	B 65 G	15/58
		17/46
		39/08
		47/92
680–687	B 65 G	17/32
688	B 65 G	13/02
		15/42
		17/46
		25/00
		29/00
689	B 65 G	17/46
		47/91
690	B 65 G	15/58
		17/46
		39/08
		47/92
691	B 65 G	17/46
		47/92
692, 693	B 65 G	13/02
		15/42
692	B 65 G	17/46
692, 693	B 65 G	25/00
		29/00
694–696	B 65 G	25/00
		29/00
		47/86
697–699	B 65 G	15/44
700	B 65 G	15/00
		17/00
701, 702	B 65 G	17/36
		35/00
703–705	B 65 G	17/36
		35/00
		47/34
706	B 65 G	47/40
707, 708	B 65 G	17/36
		35/00
709	B 65 G	17/36
		23/44
710	B 65 G	17/36
		21/00
711, 712	B 65 G	17/36
713, 714	B 65 G	17/36
		35/00
715	B 65 G	17/04
		17/32
716	B 65 G	19/14
717	B 65 G	19/00
		25/00
		35/00
718	B 65 G	19/00
		25/00
		35/00
719, 720	B 65 G	19/00
		25/00
		35/00
721	B 65 G	19/30
		25/00
		35/00
722–724	B 65 G	35/00
725, 726	B 65 G	19/00
		35/02
727	B 65 G	19/06
		19/22
728	B 65 G	19/00
729	B 65 G	19/00
		23/00
730, 731	B 65 G	19/24
732	B 65 G	19/26
733	B 65 G	19/08
		19/24
734	B 65 G	19/06
		19/22
735	B 65 G	19/18
		19/28
736–739	B 65 G	25/00
740	B 65 G	25/02
741–745	B 65 G	25/00
746	B 65 G	25/10
747, 748	B 65 G	25/04
749, 750	B 65 G	25/00
751	B 65 G	25/00
		43/00
752	B 65 G	27/00
753	B 65 G	27/32
754, 755	B 65 G	27/00
756, 757	B 65 G	27/02
758	B 65 G	27/06
759	B 65 G	27/08
		27/16
760	B 65 G	27/28
761, 762	B 65 G	27/32
763–765	B 65 G	27/08
766, 767	B 65 G	27/16
768	B 65 G	27/22
769	B 65 G	27/24
770	B 65 G	27/20
771	B 65 G	27/00
772–775	B 65 G	25/00
776	B 65 G	25/02
777	B 65 G	25/00
778	B 65 G	13/02
		21/18
779	B 65 G	17/00
		17/24
780	B 65 G	13/02
781	B 65 G	13/06
782	B 65 G	13/02
		13/12
783, 784	B 65 G	13/06
785, 786	B 65 G	13/02
787	B 65 G	13/02
		13/08
788, 789	B 65 G	13/06
790	B 65 G	13/07
791	B 65 G	13/06
792	B 65 G	23/00
793	B 65 G	17/12
		17/16
		17/32
		17/34
794	B 65 G	17/12
		17/16
		17/32
		43/00
795	B 65 G	35/08
796	B 65 G	17/12
		17/16
		17/32
		47/34
		47/96
797	B 65 G	17/16
798	B 65 G	17/18
799	B 65 G	17/16
800	B 65 G	17/18
801	B 65 G	17/12
		17/32
802	B 65 G	17/16
		17/32
803	B 65 G	29/00
804	B 65 G	15/00
		17/00
805	B 65 G	15/60
		21/20
		23/18
806–808	B 65 G	39/16
809	B 65 G	15/00
		17/00
810	B 65 G	15/00
		17/00
		43/00
811	B 65 G	15/60
		23/18
812	B 65 G	15/60
		21/14
813–816	B 65 G	23/44
817	B 65 G	15/10
818–821	B 65 G	15/08
		15/40
822	B 65 G	17/10
823	B 65 G	15/08
		15/60
824–830	B 65 G	15/08
		39/10
831	B 65 G	15/02
		21/16
832	B 65 G	23/00

U.S. Class 198—Con.

U.S. Subclass	IPC Subclass	IPC Notation
833	B 65 G	23/14
834	B 65 G	23/06
835	B 65 G	23/04
836	B 65 G	15/00
		17/00
		21/20
		39/18
837	B 65 G	15/60
		21/20
838	B 65 G	15/60
839	B 65 G	15/60
		21/20
		39/10
		47/94
840	B 65 G	15/60
		21/20
		39/16
841	B 65 G	15/60
		17/00
842, 843	B 65 G	39/10
844	B 65 G	15/30
		17/00
845	B 65 G	39/20
846	B 65 G	15/30
847	B 65 G	15/34
848	B 65 G	15/54
849	B 65 G	15/54
		17/38
850–853	B 65 G	17/06
		17/38
854	B 65 G	23/00
		25/00
		29/00
		35/00
855	B 65 G	23/00
		25/00
		29/00
		35/00
		43/00
856	B 65 G	23/00
		25/00
		29/00
		35/00
		43/00
		43/08
857	B 65 G	23/00
		25/00
		29/00
		35/00
		43/08
858	B 65 G	23/00
		25/00
		29/00
		35/00
859	B 65 G	23/38
		25/00
		29/00
		35/00
860	B 65 G	21/00
		41/00
861	B 65 G	21/00
		21/08
862–865	B 65 G	21/10
		41/00
866	B 65 G	35/00

U.S. Class 199

Type casting

(IPC B 41 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 41 B	7/00
2	B 41 B	7/16
3, 4	B 41 B	7/18
5–7	B 41 B	9/02
8	B 41 B	7/02
9, 10	B 41 B	7/12
11–13	B 41 B	7/06
14–17	B 41 B	9/00
18	B 41 B	9/06
19–21	B 41 B	11/12
22	B 41 B	11/16
23	B 41 B	11/14
24–32	B 41 B	9/04
33	B 41 B	11/90
34	B 41 B	11/70
35	B 41 B	11/92
36–43	B 41 B	11/90
44–46	B 41 B	11/08
47	B 41 B	11/52
48	B 41 B	11/64
49	B 41 B	11/38
50	B 41 B	11/50
51	B 41 B	11/44
52–54	B 41 B	11/52
55–58	B 41 B	11/54
59, 60	B 41 B	11/72
61	B 41 B	9/16
62	B 41 B	11/48
63–66	B 41 B	11/02
67, 68	B 41 B	11/04
69	B 41 B	5/06
70	B 41 B	3/02
71, 72	B 41 B	11/36
73–74	B 41 B	9/04
75–79	B 41 B	9/06
80	B 41 B	5/04
81–89	B 41 B	9/10
90	B 41 B	11/52
91–94	B 41 B	9/10
95	B 41 B	9/16
96	B 41 B	5/02

U.S. Class 200

Electricity, circuit makers and breakers

(IPC H 01 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 H	9/00
2	H 01 H	9/54
3	H 01 H	61/00
4	H 01 H	9/00
5	H 01 H	9/26
6–7	H 01 H	19/00
		21/00
8, 9	H 01 H	19/56
		21/76
10	H 01 H	9/30
11	H 01 H	19/58
		21/78
12–13	H 01 H	83/00
14	H 01 H	19/58
		21/78
15	H 01 H	21/54
16	H 01 H	15/00
17–18	H 01 H	3/00
19, 20	H 01 H	19/00
21	H 01 H	19/00
		39/00
22–23	H 01 H	19/00
24–26	H 01 H	39/00
27	H 01 H	19/62
28–29	H 01 H	19/00
30–31	H 01 H	19/62
33	H 01 H	43/00
34	H 01 H	7/03
		43/00
35	H 01 H	7/08
		43/00
36–41	H 01 H	7/08
		43/10
42	H 01 H	27/00
43	H 01 H	27/10
44	H 01 H	9/28
		27/00
45	H 01 H	9/28
		27/10
46	H 01 H	43/08
47	H 01 H	3/16
		3/18
		15/14
		17/12
		19/18
		21/28
48	H 01 H	31/00
49	H 01 H	30/00
50	H 01 H	9/20
51–51.01	H 01 R	13/70
51.02–51.08	H 01 R	19/00
		21/00
		23/00
51.09	H 01 R	33/96
51.1	H 01 R	33/96
51.11	H 01 R	19/50
51.12	H 01 R	33/96
51.13–51.17	H 01 R	33/955
52	H 01 H	35/00
56	G 01 O	13/26
60	F 21 V	23/04
61	H 01 H	35/00
61.01	H 01 H	35/24
61.02	H 01 J	47/00
61.03	H 01 H	35/24
61.04–61.05	H 01 H	29/00
61.06–61.07	H 01 H	35/42
61.09	H 01 H	3/16
61.1	H 01 H	3/16
61.11–61.12	H 01 H	3/16
61.19	H 01 H	27/04
61.2	H 01 H	35/00
61.21–61.24	H 01 H	35/00
61.25–61.26	H 01 H	35/24
61.27–61.28	H 01 H	3/16
61.29	H 01 H	3/14
61.3	H 01 H	3/16
61.31–61.44	H 01 H	3/16
61.45	H 01 H	35/02
61.46	H 01 H	29/02
		29/26
61.47–61.49	H 01 H	35/02
		35/14
61.5	H 01 H	35/02
		35/14
61.51–61.52	H 01 H	35/02
		35/14
61.53	H 01 H	35/14
61.54–61.57	H 01 H	9/00
61.58–61.59	H 01 H	3/16
61.6	H 01 H	3/16
61.61–61.63	H 01 H	3/16
61.64–61.68	H 01 H	27/06
61.69	H 01 H	3/16
61.7	H 01 H	3/16
61.71–61.76	H 01 H	3/16
61.77	H 01 H	17/12
61.78–61.82	H 01 H	3/16
61.83	H 01 H	35/02
61.84	H 01 H	3/16
61.85–61.88	H 01 H	9/06
61.89, 61.9	H 01 H	3/14
61.91	H 01 H	3/16
61.93	H 01 H	3/02
62	H 01 H	5/00
63	H 01 H	19/32
64	H 01 H	13/22
		13/26
65–66	H 01 H	19/32
67	H 01 H	21/04
68.1–68.3	H 01 H	5/00
		21/40
69	H 01 H	21/40
70	H 01 H	21/40
71–72	H 01 H	13/22
		13/26
73–75	H 01 H	21/40
76–78	H 01 H	15/18
79	H 01 H	3/16
80	H 01 H	35/10
81	H 01 H	35/24
81.4	H 01 H	35/24
81.5	H 01 H	35/26
81.6	H 01 H	29/28
81.8	H 01 H	35/36
81.9	H 01 H	35/40
82	H 01 H	35/38
83	H 01 H	35/40
84	H 01 H	35/18
85–86	H 01 H	3/02
86.5	H 01 H	3/14
144	H 01 H	9/30
		33/00
145	H 01 H	9/40
		33/14
146	H 01 H	9/38
		33/12
147	H 01 H	9/44
		33/18
148	H 01 H	33/82
149	H 01 H	33/60
150	H 01 H	33/68
151	H 01 H	9/32
		33/06
153	H 01 H	3/00
154	H 01 H	3/32
155	H 01 H	19/28
156	H 01 H	17/08
		19/14
157	H 01 H	9/06
		13/08
		21/10
158	H 01 B	3/40
159	H 01 H	3/12
		3/14
		13/64
160	H 01 H	13/56
161	H 01 H	17/08
162	H 01 H	1/38
		1/42
		21/54
163	H 01 H	1/38
		1/42
		15/10
164	H 01 H	1/36
165	H 01 H	1/14
175	H 01 H	63/00
176	H 01 H	67/14
177	H 01 H	67/14
178	H 01 H	67/02
179	H 01 H	67/26
180	H 01 H	63/26
181	H 01 H	57/00
182–185	H 01 H	29/00
186	H 01 H	29/08
187–189	H 01 H	29/00
190	H 01 H	29/28
		29/30
191, 192	H 01 H	29/00
193, 194	H 01 H	29/06
195, 196	H 01 H	29/26
		29/32
197	H 01 H	29/00
		29/32
198	H 01 H	29/16
		29/26
		29/32
199–201	H 01 H	29/16
202	H 01 H	29/16
		29/20
203–207	H 01 H	29/02
		29/20
208	H 01 H	29/00
		29/02
209	H 01 H	29/00
		29/18
210	H 01 H	29/00
		29/16
		29/18
211, 212	H 01 H	29/00
		29/02
213	H 01 H	29/00
		29/02
		29/16
214–218	H 01 H	29/02
219	H 01 H	29/02
		29/12
		29/14
		29/16
220, 221	H 01 H	29/20
		29/22
		29/24
222	H 01 H	29/04
		29/20
		29/22
		29/24
223–225	H 01 H	29/20
		29/22
		29/24
226, 227	H 01 H	29/04
		29/20
		29/22
		29/24
228, 229	H 01 H	29/20
		29/22
		29/24
230	H 01 H	29/14
		29/20
231	H 01 H	29/02
		29/04
		29/20
232	H 01 H	29/02
		29/20
233, 234	H 01 H	29/06
235	H 01 H	29/04
236	H 01 H	29/02
		29/04
237	H 01 J	
238	H 01 H	1/00
		9/00
239	H 01 H	1/14
240	H 01 H	1/16
241	H 01 H	1/18
242	H 01 H	1/60
243	H 01 H	1/20
244	H 01 H	1/22
245, 246	H 01 H	1/24
		1/26
		1/28
247	H 01 H	1/30
248	H 01 H	1/32
		1/32
249	H 01 H	1/34
250, 251	H 01 H	1/50
252	H 01 H	1/36
253	H 01 H	1/60
254	H 01 H	1/42
255, 256	H 01 H	1/50
257	H 01 H	1/44
258	H 01 H	1/46
259	H 01 H	1/48
260, 261	H 01 H	1/50
262	H 01 H	1/02
263	H 01 H	1/04
264–270	H 01 H	1/02
271–274	H 01 H	1/00
		9/00
275, 276	H 01 H	1/06
277	H 01 H	1/06
		1/16
278	H 01 H	1/10
279	H 01 H	1/06
280, 281	H 01 H	9/00
282	H 01 H	1/42
283	H 01 H	1/26
		1/28
		1/44
		50/56
284	H 01 H	1/00
285	H 01 H	1/60
		3/62
286, 287	H 01 H	1/34
		1/48
		37/24
286–287	H 01 H	37/26
		37/28
		37/30
288	H 01 H	3/60
289	H 01 H	1/62
		9/52
		37/74
		50/12
290	H 01 H	1/26
		1/28
		1/44
		1/50
291, 292	H 01 H	9/00
293	H 01 H	1/64
		1/66
		9/02
		9/06
		13/04
		13/08
		13/10
		19/04
		19/08

U.S. Class 200—Con.

U.S. Subcloss	IPC Subclass	IPC Notation
		21/04
		21/06
		21/10
		21/12
294–297	H 01 H	9/02
		9/04
		9/06
		13/04
		13/08
		13/10
		19/04
		19/08
		21/04
		21/06
		21/10
		21/12
298–300	H 01 H	9/02
		13/14
		19/04
		21/04
301	H 01 H	3/60
		9/00
		9/02
302.1	H 01 H	9/04
302.2	H 01 H	13/06
302.3	H 01 H	19/06
303–307	H 01 H	9/02
		13/04
		19/04
		21/04
308–317	H 01 H	9/00
318–328	H 01 H	1/52
		3/20
		9/00
		9/20
329	H 01 H	3/00
		13/00
330	H 01 H	3/20
331	H 01 H	3/20
		17/00
332	H 01 H	3/20
		15/00
333	H 01 H	13/04
		19/04
334	H 01 H	9/20
		13/00
		13/14
335	H 01 H	3/04
		3/20
336	H 01 H	3/08
		19/00
		19/14
		21/00
337	H 01 H	25/00
338, 339	H 01 H	3/00
		13/00
340	H 01 H	3/12
		13/00
		13/14

U.S. Class 201

Distillation, processes, thermolytic

(IPC C 10 B)

U.S. Subcloss	IPC Subclass	IPC Notation
1	C 10 B	47/00
		49/00
		51/00
		53/00
		55/00
		57/00
	G 01	
2	C 10 B	43/00
		47/00
		49/00
		51/00
		53/00
		55/00
		57/00
3	C 10 B	33/00
		47/00
		49/00
		51/00
		53/00
		55/00
		57/00
		59/00
4	B 01 D	45/00
	C 10 B	27/00
		33/00
		47/00
		49/00
		51/00
		53/00
		55/00
		57/00
5	C 10 B	45/02
		53/00
	C 10 L	5/02
6	C 10 B	45/02
		53/00
	C 10 L	5/02
7, 8	C 10 B	53/08
9	C 10 B	57/08
	C 10 L	9/00
10	C 10 B	17/00
		49/00
		51/00
11	C 10 B	47/14
		47/26
		49/14
12	C 10 B	47/00
		49/16
		55/02
13–16	C 10 B	47/00
		51/00
17	C 10 B	57/00
18	C 10 B	29/00
19	C 10 B	19/00
		47/00
		49/00
		51/00
		53/00
		55/00
		57/00
20	C 10 B	57/04
		57/12
21–23	B 09 B	3/00
	C 10 B	53/00
		55/00
		57/04
24	C 10 B	53/00
		57/04
25	C 10 B	51/00
		57/04
	C 10 F	5/06
26	C 10 B	57/02
27	C 10 B	47/00
		49/00
		51/00
		53/00
		55/00
		57/00
28, 29	C 10 B	21/18
		47/28
		49/00
		51/00
		53/00
		55/00
		57/00
30	B 01 D	5/00
	C 10 B	47/00
		49/00
		51/00
		53/00
		55/00
		57/00
31	C 10 B	47/24
		49/10
		49/22
		55/10
32, 33	C 10 B	47/20
		49/06
		49/18
		55/06
34	C 10 B	47/18
		49/04
		55/04
35	C 10 B	47/00
		49/00
		51/00
		53/00
		55/00
		57/00
36–38	C 10 B	57/12
39	C 10 B	39/00
		47/00
		49/00
		51/00
		53/00
		55/00
		57/00
40	C 10 B	31/00
		37/00
		49/00
		51/00
		53/00
		55/00
		57/00
41	C 10 B	

U.S. Class 202

Distillation: apparatus

(IPC C 10 B)

U.S. Subcloss	IPC Subclass	IPC Notation
81, 82	B 01 D	3/00
	C 10 B	
83	B 01 D	3/00
	C 02 F	1/18
	C 10 B	
84	C 10 B	1/00
85–87	C 10 B	1/00
		3/00
		5/00
		21/00
88–96	C 10 B	9/00
		51/00
97, 98	C 10 B	7/14
99	C 10 B	21/20
		49/00
100	C 10 B	21/00
		49/00
101	C 10 B	9/00
		47/08
102	C 10 B	3/00
		5/00
		15/02
		47/00
103, 104	C 10 B	7/00
		15/02
		47/00
105–107	C 10 B	1/00
		47/00
108	C 10 B	1/00
		49/00
		51/00
109	C 10 B	1/00
		27/00
110	C 10 B	1/00
		13/00
111	C 10 B	1/00
		5/14
		5/20
112	C 10 B	1/00
		57/18
113–116	C 10 B	1/00
117	C 10 B	1/00
		7/00
		31/00
118	C 10 B	1/00
		7/10
119	C 10 B	1/00
		7/00
120, 121	C 10 B	1/04
		49/00
122	C 10 B	1/04
		5/20
123	C 10 B	1/04
		5/12
124–127	C 10 B	1/04
		21/20
128, 129	C 10 B	1/08
		49/00
130	C 10 B	1/08
		5/12
		5/20
131	C 10 B	1/10
132	C 10 B	1/08
133–135	C 10 B	1/06
		49/00
136	C 10 B	1/06
		1/10
137	C 10 B	1/06
		21/20
138	C 10 B	1/06
		5/00
139	C 10 B	1/06
		5/02
140	C 10 B	1/06
		5/20
141–144	C 10 B	1/06
		5/12
		21/00
145	C 10 B	1/06
		5/06
146	C 10 B	1/06
		5/12
147	C 10 B	1/06
148	C 10 B	1/06
		5/20
149	C 10 B	1/06
		49/00
150	C 10 B	1/06
		17/00
151	C 10 B	1/06
		21/10
152	B 01 D	3/00
	C 02 F	1/02
153–155	B 01 D	3/02
		3/14
156	B 01 D	3/02
158, 159	B 01 D	3/14
160	B 01 D	3/42
161, 162	B 01 D	3/14
163–166	B 01 D	3/00
167	B 01 D	3/00
168–170	B 01 D	3/00
		11/00
172–174	B 01 D	3/02
175–180	B 01 D	3/00
181	B 01 D	3/42
182–184	B 01 D	3/14
185–196	B 01 D	3/00
	F 28 B	
197	B 01 D	3/00
198, 199	B 01 D	3/14
200–204	B 01 D	3/00
205	B 01 D	3/10
206	B 01 D	3/42
207	C 10 B	1/00
		9/00
		47/00
208	C 10 B	21/00
209	C 10 B	21/00
		47/00
210	C 10 B	21/00
		53/02
211, 212	C 10 B	9/00
213	C 10 B	
214	C 10 B	33/00
215	C 10 B	21/00
		23/00
		49/00
216	C 10 B	1/00
		49/00
217	C 10 B	1/00
218	C 10 B	1/00
		1/10
219, 220	C 10 B	1/00
221	C 10 B	1/04
222–225	C 10 B	1/00
226	C 10 B	1/00
		39/00
		45/00
227	C 10 B	39/00
228	C 10 B	39/02
		39/04
229	C 10 B	39/04
230	C 10 B	39/12
232–235	B 01 D	3/00
236	B 01 D	3/08
		3/28
237	B 01 D	3/04
238	B 01 D	3/08
239	B 01 D	3/00
		3/32
	C 10 B	
241	C 10 B	43/00
242	C 10 B	1/00
		25/00
243	C 10 B	25/00
		25/18
244–246	C 10 B	25/00
		25/20
247, 248	C 10 B	1/06
		25/06
		25/24
249	C 10 B	1/10
		25/00
250	C 10 B	25/22
251	C 10 B	31/00
252	C 10 B	25/00
253	C 10 B	39/00
		39/06
254, 255	C 10 B	27/00
256	C 10 B	27/06
257	C 10 B	27/00
258	C 10 B	27/06
259, 260	C 10 B	27/00
261	C 10 B	33/00
262	C 10 B	35/00
263	C 10 B	27/04
264	B 01 B	1/02
	C 10 B	
265	B 01 D	3/00
	C 10 B	7/04
266	C 10 B	7/14
267	C 10 B	29/00
268	C 10 B	29/04
269, 270	C 10 B	29/00
		45/00

U.S. Class 203

Distillation: processes, separatory

(IPC B 01 D)

U.S. Subcloss	IPC Subclass	IPC Notation
1–3	B 01 D	3/42
4	B 01 D	3/00
5	B 01 D	3/00
		59/04
6, 7	B 01 D	3/34
	C 23 F	11/00
		14/00
8	B 01 D	3/00
	C 07	
9	B 01 D	3/00
	C 07 C	7/18
10, 11	B 01 D	3/00
		3/10
	B 63 H	4/00
	C 02 F	1/04
12	B 01 D	3/00
13	C 01 B	21/44
15	C 07 C	51/44
16	C 07 C	51/44
		53/08
17	C 07 C	45/82
18	C 07 C	29/80
	C 12 F	1/04
19	C 07 C	29/80
		31/08
20	B 01 B	1/02
	B 01 D	19/02
21–27	B 01 D	3/00
28–38	B 01 D	3/34
39	B 01 D	
40	B 01 D	3/00
		45/00
		47/00
41	B 01 D	15/00
42	B 01 D	3/34
		5/00
		47/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 203—Con.		
43, 44	B 01 D	11/00
45, 46	B 01 D	3/00
47	B 01 D	21/00
		23/00
		43/00
48	B 01 D	9/00
49–70	B 01 D	3/34
71, 72	B 01 D	3/00
73–75	B 01 D	3/00
		3/10
76	B 01 D	3/00
		3/10
		3/38
77, 78	B 01 D	3/00
		3/10
79	B 01 D	3/00
		3/10
		3/38
80–82	B 01 D	3/00
		3/10
83	B 01 D	3/38
84	B 01 D	3/00
85	B 01 D	3/38
86	B 01 D	3/00
87	B 01 D	3/14
88	B 01 D	3/06
89	B 01 D	3/00
90	B 01 D	3/08
91	B 01 D	3/00
		3/10
92	B 01 0	3/10
		3/38
93, 94	B 01 D	3/00
		3/10
95, 96	B 01 0	3/34
		3/38
97, 98	B 01 D	3/00
99, 100	B 01 D	3/00
U.S. Class 204		
Chemistry, electrical and wave energy		
(IPC C 25)		
1	B 01 0	59/40
	C 25 B	/00
	C 25 C	/00
	C 25 D	/00
1.5	C 25 B	/00
	C 25 C	1/22
		3/34
	C 25 D	3/54
		5/32
		5/46
		11/28
2	B 21 H	1/20
	B 41 C	3/08
	B 41 M	5/20
	G 03 G	1/32
2.1	H D1 M	10/44
3, 4	C 25 D	1/00
5	B 29 0	17/00
	C 25 0	1/00
	G 11 B	3/70
6	B 41 C	3/08
	C 25 D	1/10
7	C 25 D	1/06
8	B 44 C	1/04
	C 25 0	1/00
9	C 25 0	1/02
10	C 22 D	5/00
	C 25 D	1/00
11	C 25 D	1/08
12, 13	C 25 D	1/04
14	C 25 D	/00
15, 16	C 25 D	5/02
17	B 41 C	3/08
	B 41 N	1/04
18.1	B 44 C	1/04
19	C 25 0	9/08
20–22	C 25 0	5/54
23	C 25 D	5/00
24	C 25 D	7/00
25, 26	C 25 D	7/04
27, 28	C 25 D	7/00
29	C 25 D	5/24
		5/34
30, 31	C 25 D	5/54
32	C 25 D	5/34
33	C 25 D	5/44
34	C 25 D	5/36
35	C 25 D	5/44
36	C 25 D	5/52
37	C 25 D	5/50
38	C 25 D	5/00
39	C 25 D	3/66
40	C 25 D	5/10
41	C 25 D	5/12
42	C 25 D	5/00
		11/00
43	C 25 D	3/56
44	C 25 D	3/58
45	C 25 D	3/02
45.5	C 25 D	3/54
46	C 25 D	3/46
		3/48
47	C 25 D	3/50
48	C 25 D	3/12
		3/20
49	C 25 D	3/12
50	C 25 D	3/26
51	C 25 D	3/04
52	C 25 D	3/38
53	C 25 D	3/34
54	C 25 D	3/30
55	C 25 D	3/22
56, 57	C 25 D	11/00
58	C 25 D	11/08
59	C 25 C	/00
	C 25 D	/00
60	C 25 B	1/00
	C 25 C	3/00
61	C 25 B	1/00
62	C 25 B	3/00
63	C 25 B	1/00
64	C 25 C	3/00
65, 66	C 25 C	3/34
67	C 25 C	3/06
68, 69	C 25 C	3/02
70	C 25 C	3/04
71	C 25 C	3/36
72	C 25 B	3/00
73–77	C 25 B	3/00
78–80	C 25 B	3/02
81	C 25 B	3/06
82	C 25 B	1/28
83, 84	C 25 B	1/30
85	C 25 B	1/32
86–93	C 25 B	1/00
94, 95	C 25 B	1/24
96, 97	C 25 B	1/00
98	C 25 B	1/14
		1/18
		1/34
99	C 25 B	1/36
100	C 25 B	1/18
101, 102	C 25 B	1/00
103, 104	C 25 B	1/22
105	C 25 C	1/00
106–108	C 25 C	1/12
109–111	C 25 C	1/20
112, 113	C 25 C	1/06
114–119	C 25 C	1/14
		1/16
120–122	C 25 C	1/14
123–127	C 25 C	1/24
128	C 25 B	1/00
129	C 25 B	1/02
129.1–129.95	B 23 H	3/00
		5/00
		9/00
		11/00
	C 25 F	3/00
		5/00
130, 131	C 25 F	5/00
132	C 25 F	5/00
	D 06 M	
	D 21 C	5/00
133	C 25 F	5/00
	D 21 C	9/00
134	C 25 F	5/00
135	C 14 C	5/00
	C 25 F	5/00
	D D6 M	
136	C 1D G	15/00
138	C 13 D	3/18
140	C 25 F	
141.5–145	C 25 F	1/00
146	C 25 F	5/00
147, 148	C 23 F	13/00
149–152	C D2 F	1/46
153	C 25 F	/00
158, 159	C D7 G	13/00
159.11	C D8 F	/00
	C DB G	/00
159.12	C D8 L	1/00
		3/00
		5/00
		7/00
		89/00
		93/00
159.13	C D8 F	2/46
		30/08
	C DB G	77/00
159.14–159.17	C D8 F	8/00
159.18	C D8 F	8/18
		8/34
159.19	C D8 G	18/00
		63/00
		69/00
159.2	C DB F	2/46
159.21	C DB G	2/02
159.22	C 0B F	2/46
159.23, 159.24	C 0B F	2/46
		4/00
160.1	C 0B B	
161	C 11 B	
162	C 07 C	3/24
163	C D7 C	17/00
		26/00
166	C 07 G	13/00
167	C 11 B	
168–171	C D7 C	3/24
172	C 1D G	
173	C D1 B	31/00
174	C 25 B	1/30
175	C D1 B	15/01
176	C D1 B	13/10
178–179	C 01 B	21/30
180	B 01 D	57/02
	C 25 B	7/00
181	C 25 D	13/00
		13/06
183	C 25 D	13/06
		13/16
184, 185	B D1 D	17/06
186	B 01 D	17/06
	B D3 C	5/00
	C D2 F	1/48
188–191	B D1 D	17/06
	B D3 C	5/00
	C 1D G	35/16
192	C 23 C	14/00
193, 194	C 25 D	
196, 197	C 23 F	13/00
198–227	C 25 D	17/00
228–241	C 25 B	15/00
	C 25 D	21/00
242	C 25 B	9/00
	C 25 C	7/00
	C 25 D	17/00
243–247	C 25 C	3/00
248–279	C 25 B	9/00
	C 25 C	7/00
	C 25 D	17/00
280	C 25 B	11/00
	C 25 C	7/02
	C 25 D	17/10
281	C 25 D	1/00
282	C 25 B	13/00
	C 25 C	7/04
283, 285	C 25 B	11/03
	C 25 C	7/02
	C 25 D	17/12
286–290	C 25 B	11/00
	C 25 C	7/02
	C 25 D	17/10
291–293	C 25 B	11/04
294	C 25 B	11/12
295, 296	C 25 B	13/00
	C 25 C	7/04
297	C 25 D	17/04
		17/06
298	C 23 C	14/00
299–301	B D1 D	13/02
	C 25 D	13/00
302–308	B D1 D	13/02
		17/06
	B D3 C	5/02
	C 1D G	33/02
400–435	G 01 N	27/26
U.S. Class 206		
Special receptacle or package		
(IPC B 65 D)		
.6	F 17 C	1/00
		3/00
.7	F 17 C	11/00
.8–0.84	A 45 C	11/28
1.5	A 45 C	13/10
		13/18
1.7–1.9	B D5 C	17/00
	B 44 D	3/00
		3/04
3	F 42 B	37/00
		39/00
5, 6	A 45 C	11/04
8, 9	A 45 C	11/02
	B 65 D	85/18
11	B 65 D	85/18
14	A 45 C	11/00
		11/00
15	B 65 D	81/02
15.2, 15.3	A 45 D	44/18
18	B 65 D	85/40
19	A 45 C	11/00
37	A 45 C	11/00
38	A 45 C	15/00
39–40.5	A 45 C	11/18
44	B 65 D	5/50
		5/52
44.11	B 65 D	23/12
44.12	B 65 D	75/58
45	B 65 D	5/50
		55/00
45.11	B 65 D	1/22
45.11, 45.12	B 65 D	79/00
		81/36
45.12	B 65 D	79/00
		81/36
45.13	B 65 D	79/00
45.14–45.19	B 65 D	5/50
45.2–45.27	B 65 D	5/52
		25/24
45.28–45.3	B 65 D	51/00
45.31, 45.32	B 65 D	25/00
45.33	B 65 D	65/16
45.34	B 65 D	25/00
49	B 65 D	85/04
		85/04
		85/66
		85/66
	B 65 H	55/00
		55/00
		75/02
		75/02
53–55	B 65 D	85/04
		85/66
	B 65 H	55/00
		75/02
63.3	A 61 B	17/06
63.5	A 61 B	19/02
		19/02
68	B 65 D	81/02
		85/30
69	B 65 D	85/08
		85/14
70	B 65 D	85/40
71	B 65 D	85/00
77.1	A 47 K	5/08
81	A 44 B	7/00
		7/00
	B 65 D	73/00
		73/00
83	A 61 C	19/10
83.5, 84	B 65 D	71/00
85–95	A 24 F	15/00
		27/00
	B 65 D	85/10
		85/12
96–138	A 24 F	27/00
139–203	B 65 D	75/00
140	A 45 C	11/00
180	B 65 D	85/40
190	B 65 D	85/40
204	B 65 D	81/26
	F 17 C	11/00
205–212	B 65 D	81/24
213	B 65 D	81/28
213.1	B 65 D	81/28
214	A 45 C	11/34
215	B 65 D	85/00
216–218	B 65 D	77/00
219–222	B 65 D	25/08
223–241	B 65 D	69/00
		71/00
242–276	A 24 F	15/00
	B 65 D	85/10
		85/12
277	B 65 0	85/14
278–299	B 65 D	85/18
278.1	B 65 D	81/28
		85/018
300	B 65 D	85/00
301	B 65 D	85/40
302	B 65 D	85/00
303, 304	B 65 D	85/02
305, 306	B 65 D	85/38
307–313	B 65 0	85/30
		85/57
314	A 45 C	11/00
315.1	B 65 0	85/20
315.11	B 65 0	85/00
315.2, 315.3	A 63 B	55/00
315.4	A 63 B	55/00
		55/02
315.5	A 63 B	55/00
315.6	A 63 B	55/04
		55/06
315.7, 315.8	A 63 B	55/00
315.9	B 65 D	85/00
316	B 65 D	85/38
317	B 65 D	85/00
318	B 65 D	85/58
319	B 65 D	85/68
320	B 65 D	85/00
321–325	B 65 D	85/46
326, 327	B 65 D	85/00
328–334	B 65 D	73/02
		85/42
335	B 65 D	85/68
336, 337	A 44 B	9/12
338–347	B 65 D	85/24
348	A 44 B	7/00
349–354	A 45 C	11/26
355–370	B 65 D	83/10
371–383	B 65 D	85/28
384, 385	B 65 D	85/72
386	B 65 D	19/00
387	B 65 D	85/672
388	B 65 D	85/00
	B 65 H	54/46
		55/00
389–417	B 65 D	85/66
		85/67
		85/671
		85/672
		85/675
		85/676
		85/677
418–422	B 65 D	85/42
423	B 65 D	85/50
		85/52

U.S. Class 206—Con.

U.S. Subclass	IPC Subclass	IPC Notation
425	B 65 D	85/00
426	B 65 D	85/44
427–435	B 65 D	65/00
		75/00
438–441	A 61 B	17/06
		19/02
	A 61 L	15/00
442	B 65 D	85/00
443	B 65 D	85/20
444	B 65 D	85/30
445	B 65 D	85/00
446	B 65 D	85/20
448–456	B 65 D	85/48
457–496	B 65 D	73/00
497	B 65 D	65/00
		71/08
499–520	B 65 D	21/00
		85/62
521–524	B 65 D	81/02
		85/30
524.1–524.7	B 65 D	85/84
524.8	B 65 D	81/20
528–540	B 65 D	83/04
		85/42
541–549	A 45 C	11/20
551	A 45 C	11/20
553–567	B 65 D	1/34
		6/04
568–582	B 65 D	69/00
		71/00
583–594	B 65 D	81/02
		85/30
595–600	B 65 D	19/00
601–634	B 43 M	7/00
	B 65 D	3/26
		5/54
		5/70
		27/32
		33/36
		65/26
		75/58
		77/30

U.S. Class 208

Mineral oils: processes and products

(IPC C 10 G)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 09 D	3/26
	C 09 F	9/00
2	C 07 C	37/00
3	C 07 C	27/10
4–6	C 10 G	3/00
		27/00
7	C 10 G	9/00
		11/00
8	C 10 G	1/00
9, 10	C 10 G	1/06
		1/08
11	C 10 G	1/00
12	C 10 G	
13	C 10 G	17/00
14	C 10 G	
	C 10 L	1/00
15–17	C 10 L	1/04
18	C 10 G	71/00
19	C 10 G	71/00
	C 10 M	159/00
		165/00
		167/00
		169/00
		171/00
20, 21	C 10 G	73/36
22, 23	C 10 C	
24	C 10 G	73/00
25–27	C 10 G	25/00
		29/20
		73/02
		73/38
28–30	C 10 G	73/02
31	C 10 G	73/06
32	C 10 G	73/32
33–36	C 10 G	73/06
37, 38	C 10 G	73/32
39, 40	C 10 C	1/00
		3/00
41	C 10 C	1/04
		3/06
42, 43	C 10 C	1/04
44	C 10 C	1/20
		3/02
45	C 10 C	1/18
		3/08
46, 47	C 10 G	
48	C 10 G	9/12
		9/16
49	C 10 B	57/02
	C 10 G	51/02
		55/02
		57/00
		65/02
		67/02
		69/02
50	C 10 B	55/00
	C 10 G	57/00
51	C 10 B	55/00
	C 10 G	57/00
		69/06
52–55	C 10 B	55/00
	C 10 G	51/02
		65/10
56, 57	C 10 G	45/00
58	C 10 G	47/00
		65/00
		69/00
59	C 10 G	65/00
60	C 10 G	69/02
61	C 10 G	65/12
		69/04
		69/06
62	C 10 G	57/00
		61/02
		63/02
		69/02
63, 64	C 10 G	35/04
		57/00
		59/02
		59/02
		69/02
65	C 10 G	35/06
66	C 10 G	35/04
		57/00
		63/02
		69/08
67	C 10 G	51/02
		51/04
		55/04
		55/06
		57/00
68	C 10 G	69/04
		69/06
71	C 10 G	57/02
		69/12
72–77	C 10 G	51/02
		51/04
		65/10
78–80	C 10 G	51/06
		53/16
		55/08
		57/00
		59/06
		61/08
		63/06
		65/14
		67/16
		69/14
81–84	C 10 G	
85	C 10 G	1/00
86	C 10 C	3/00
	C 10 G	1/00
87	C 10 G	1/04
		21/00
88	C 10 G	17/00
		55/00
		57/00
89	C 10 G	45/00
90	C 10 G	17/00
91	C 10 G	25/00
92–94	C 10 G	7/00
95	C 10 G	57/00
96	C 10 G	21/00
		55/00
		67/04
97	C 10 G	67/00
98	C 10 G	67/08
99	C 10 G	67/06
100–105	C 10 G	9/00
		11/00
		15/00
		47/00
		49/22
106	C 10 G	9/00
		15/00
107	C 10 G	47/00
108	C 10 G	47/02
		47/24
109	C 10 G	47/12
		47/16
110	C 10 G	47/04
		47/20
111	C 10 G	47/02
		47/12
		47/16
112	C 10 G	47/02
		47/04
113	C 10 G	11/00
114	C 10 G	11/02
115–117	C 10 G	11/08
118–124	C 10 G	11/02
		11/04
125	C 10 G	9/26
		9/42
126	C 10 G	9/26
		9/32
127	C 10 G	9/28
128	C 10 G	9/36
129	C 10 G	9/38
130	C 10 G	9/36
131, 132	C 10 G	9/14
133	C 10 G	35/00
134	C 10 G	35/04
135–139	C 10 G	35/06
140	B 01 J	23/90
	C 10 G	
141	C 10 G	35/00
142	C 10 G	45/00
143–145	C 10 G	45/00
146–176	C 10 G	35/00
		35/10
177, 178	C 10 G	17/00
		19/00
		21/00
		25/00
		27/00
		29/00
		31/00
179–186	C 10 M	175/00
187	C 10 G	33/00
188	C 10 G	33/04
189	C 10 G	27/00
190	C 10 G	27/02
191–194	C 10 G	27/04
195	C 10 G	27/08
196	C 10 G	27/04
197	C 10 G	29/06
198	C 10 G	29/10
199–202	C 10 G	19/06
203–206	C 10 G	19/00
207	C 10 G	29/00
208	C 10 G	17/00
		45/00
209–212	C 10 G	45/00
213	C 10 G	25/00
213–217	C 10 G	45/04
		45/60
214	C 10 G	45/24
		45/60
218	C 10 G	31/00
219–223	C 10 G	17/02
		45/00
224	C 10 G	17/06
225	C 10 G	17/02
226–234	C 10 G	19/00
		45/00
235	C 10 G	19/08
		29/20
236	C 10 G	29/20
237	C 10 G	29/20
238	C 10 G	29/20
239	C 10 G	29/00
240	C 10 G	29/22
241	C 10 G	27/02
		29/12
242	C 10 G	17/08
		21/10
243–250	C 10 G	29/00
251	C 10 G	17/00
		45/00
252	C 10 G	17/00
253	C 10 G	29/04
254, 255	C 10 G	17/00
		45/00
256	C 10 G	17/00
257–259	C 10 G	29/00
260, 261	C 10 G	25/02
260	C 10 G	29/00
261	C 10 G	29/00
262, 263	C 10 G	17/00
		45/00
264	C 10 G	45/00
265	C 10 G	17/00
266–269	C 10 G	17/06
270–275	C 10 G	17/06
276	C 10 G	17/06
277	C 10 G	17/06
		21/12
278	C 10 G	25/00
279	C 10 G	17/00
		29/18
280–282	C 10 G	17/00
283, 284	C 10 G	19/00
285, 286	C 10 G	19/00
287	C 10 G	19/00
		25/00
288	C 10 G	19/00
289	C 10 G	29/00
290	C 10 G	21/12
		29/20
291	C 10 G	21/16
		29/22
292	C 10 G	29/02
293	C 10 G	21/10
		29/10
		29/28
294–297	C 10 G	29/04
298	C 10 G	29/00
299, 300	C 10 G	25/00
301–303	C 10 G	25/00
		34/00
304	C 10 G	25/06
305	C 10 G	25/12
306	C 10 G	25/00
307	C 10 G	25/00
308	C 10 G	
309	C 10 C	3/00
310	C 10 G	25/00
311, 312	C 10 G	17/04
		21/00
313	B 01 D	3/00
	C 10 G	7/00
		21/28
314–316	C 10 G	21/02
317	C 10 G	21/04
318–320	C 10 G	21/00
321	C 10 G	21/28
322	C 10 G	21/12
323, 324	C 10 G	21/02
325	C 10 G	21/12
326	C 10 G	21/20
327–329	C 10 G	21/16
330, 331	C 10 G	21/20
332–335	C 10 G	21/16
336	C 10 G	21/18
337	C 10 G	21/14
338	C 10 G	21/10
339	C 10 G	21/00
340	C 10 G	5/00
341–343	C 10 G	5/00
344–346	C 10 G	5/04
347–350	B 01 D	3/00
	C 10 G	7/00
351	C 10 G	7/02
352	B 01 D	3/06
	C 10 G	7/00
353	B 01 D	3/00
	C 10 G	7/00
354, 355	B 01 D	3/00
	C 10 G	7/00
356	B 01 D	3/34
	C 10 G	7/00
357	B 01 D	3/10
	C 10 G	7/00
358	B 01 D	3/00
	C 10 G	7/00
359	B 01 D	3/08
	C 10 G	7/00
360	B 01 D	3/28
	C 10 G	7/00
361	B 01 D	3/06
	C 10 G	7/00
362	B 01 D	3/34
	C 10 G	7/00
363	B 01 D	3/38
	C 10 G	7/00
364, 365	B 01 D	3/00
	C 10 G	7/00
366	B 01 D	3/10
	C 10 G	7/00
367–369	B 01 D	3/00
	C 10 G	7/00
370	C 10 G	

U.S. Class 209

Classifying, separating and assorting solids

(IPC B 07 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 03 B	
	B 07 B	
2	B 03 B	9/00
	B 07 B	
3, 4	B 03 B	1/00
	B 03 D	3/00
3.1–3.3	B 07 C	5/02
5	B 03 B	1/00
	B 03 D	3/06
7	B 03 B	1/00
8	B 03 C	1/00
9	B 03 B	1/00
10, 11	B 03 B	
	B 07 B	
12, 13	B 03 B	7/00
	B 07 B	9/00
14	B 07 B	9/00
	C 22 B	11/10
15, 16	B 03 B	7/00
	C 22 B	11/10
17–20	B 03 B	7/00
	B 07 B	9/00
21–37	B 07 B	9/00
38–40	B 03 C	1/30
41	C 22 B	11/10
42, 43	B 07 B	9/00
	C 22 B	11/10
44	B 03 B	7/00
	B 07 B	9/00
44.1, 44.2	B 07 C	5/00
44.3	B 07 C	3/04
45–47	B 07 B	13/00
48	B 07 B	13/00
	C 22 B	11/10
49	B 07 B	13/00
50–70	C 22 B	11/10
127–131	B 03 C	7/00
132	B 03 B	
	B 07 B	
133	B 07 B	3/00
		4/00
		7/00
134, 135	B 07 B	3/00
		4/00
		7/00
136, 137	B 07 B	3/00
		4/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 209—Con.		
		7/00
138–141	B 07 B	3/00
		4/00
		7/00
142	B 07 B	3/00
		4/00
		7/00
143	B 07 B	7/04
144	B 04 C	
145	B 07 B	7/02
146–154	B 07 B	3/00
		4/00
		7/00
155	B 03 B	3/02
		5/62
	B 03 D	
156–161	B 03 B	5/66
	B 03 D	
162, 163	B 03 B	5/60
		5/64
	B 03 D	1/00
164–170	B 03 D	1/14
171	B 03 B	3/38
	B 03 D	1/00
172	B 03 B	5/28
		5/30
		5/32
		5/34
		5/36
		5/38
		5/40
		5/42
	B 03 D	1/00
172.5	B 03 B	3/38
		5/30
		5/32
		5/34
		5/36
		5/38
		5/40
		5/42
		5/44
	B 03 D	1/00
173–207	B 03 B	5/60
		5/64
	B 03 D	1/00
208–211	B 03 D	
212–232	B 03 C	1/00
233	B 07 B	1/00
234	B 07 B	9/00
235–237	B 07 B	1/00
238	B 01 B	1/46
	B 07 B	1/46
239	B 07 B	13/00
240–242	B 07 B	1/00
243–259	B 07 B	
260	B 07 B	1/28
261–268	B 07 B	
269	B 07 B	1/28
270	B 07 B	1/22
271	B 07 B	1/08
272	B 07 B	1/10
273	B 07 B	1/04
274	B 07 B	1/06
275–278	B 07 B	1/06
		1/28
279, 280	B 07 B	1/06
		1/08
281–283	B 07 B	1/06
284–286	B 07 B	1/18
287	B 07 B	1/26
288–292	B 07 B	1/22
293, 294	B 07 B	1/24
295	B 07 B	1/24
296–298	B 07 B	1/24
299	B 07 B	1/22
300	B 07 B	1/20
301	B 07 B	1/26
302	B 07 B	1/18
303	B 07 B	1/22
304	B 07 B	1/24
305, 306	B 07 B	1/20
307, 308	B 07 B	1/10
309–311	B 07 B	1/28
312	B 07 B	1/28
		7/06
313–320	B 07 B	1/28
321	B 07 B	1/28
		7/06
322–324	B 07 B	1/28
325–330	B 07 B	1/34
331	B 07 B	1/36
332	B 07 B	1/38
333–340	B 07 B	1/32
341–345	B 07 B	1/30
346–349	B 07 B	1/34
350, 351	B 07 B	1/38
352–356	B 07 B	1/04
357	B 07 B	1/22
		1/28
358	B 07 B	1/08
359	B 07 B	1/04
360	B 07 B	1/28
361	B 07 B	1/08
362, 363	B 07 B	1/00
364–366	B 07 B	1/42
366.5, 367	B 07 B	1/44
368, 369	B 07 B	1/42
370–378	B 07 B	
379–381	B 07 B	1/50
382	B 07 B	1/54
383–390	B 07 B	1/52
391–421	B 07 B	
		1/49
422	B 07 B	3/00
423, 424	B 03 B	5/00
		5/02
		5/10
	B 07 B	3/00
425–427	B 03 B	3/26
		5/12
		5/14
		5/16
		5/18
		5/20
		5/22
		5/24
428–433	B 03 B	3/00
		5/08
434–436	B 03 B	3/04
		5/04
		5/26
		5/68
		5/70
		5/72
437–444	B 03 B	3/12
		5/74
445, 465	B 03 B	5/48
		5/50
445–465	B 03 B	3/00
		5/52
		5/54
		5/56
		5/58
		5/68
		5/70
466, 467	B 03 B	4/00
		5/46
	B 07 B	3/00
468	B 07 B	3/12
469	B 07 B	3/00
470	B 07 B	3/08
471, 472	B 07 B	3/00
473	B 07 B	3/00
474	B 07 B	3/02
475, 476	B 07 B	3/12
477	B 07 B	3/00
478	B 07 C	1/00
479–483	B 07 B	13/00
484–486	B 03 B	
		5/06
	B 07 B	
487	B 07 B	11/08
488	B 03 B	11/00
	B 07 B	11/00
489	B 07 B	11/04
490	B 03 B	11/00
	B 07 B	11/00
491	B 07 B	11/04
492–499	B 03 B	11/00
	B 07 B	11/00
500	B 03 B	5/22
	B 07 B	
501	B 03 B	
		5/22
502	B 03 B	5/20
	B 07 B	
503–508	B 03 B	
		5/24
	B 07 B	
509	B 07 C	5/00
		9/00
510, 511	A 01 K	43/04
512–516	A 01 K	43/08
517–521	B 07 C	5/14
522–524	B 07 C	5/00
525	B 07 C	5/10
526–530	B 07 C	5/00
531, 532	B 07 C	5/12
533	B 07 C	5/07
		5/12
534, 535	B 07 C	5/00
536	B 07 C	5/00
		5/10
		5/12
537	B 07 C	5/00
538–545	B 07 C	5/02
546–552	B 07 C	5/00
553, 554	B 07 C	5/00
	G 06 F	7/10
555	B 07 C	5/00
556	B 07 C	5/00
		5/08
557–566	B 07 C	5/00
567, 568	B 07 C	5/344
569	B 07 C	5/344
	G 06 K	9/00
570–575	B 07 C	5/344
576–579	B 07 C	5/00
580–582	B 07 C	5/342
583, 584	B 07 C	5/00
	G 06 K	9/00
585	B 07 C	5/00
586	B 07 C	5/04
		5/10
		5/12
587, 588	B 07 C	5/00
589	B 07 C	5/00
		5/346
590, 591	B 07 C	5/00
592	B 07 C	5/16
593–595	B 07 C	5/28
596	B 07 C	5/16
597–599	B 07 C	5/34
600	B 07 C	5/00
601	B 07 C	5/12
602	B 07 C	5/07
603	B 07 C	5/12
604, 605	B 07 C	5/08
606, 607	B 07 C	5/36
608–613	B 07 C	5/36
	G 06 F	7/10
614	B 07 C	7/04
615–618	B 07 C	5/36
619–628	B 07 C	5/06
629	B 07 C	5/00
630	B 07 C	5/00
		7/00
631	B 07 C	5/38
632–634	B 07 C	5/04
635	B 07 C	5/38
636	B 07 C	5/344
637–644	B 07 C	5/00
645	B 07 C	5/16
646	B 07 C	5/24
647	B 07 C	5/26
648	B 07 C	5/24
649	B 07 C	5/22
650	B 07 C	5/18
651–658	B 07 C	9/00
659–687	B 07 B	13/05
		13/07
		13/075
	B 07 C	5/12
688–700	B 07 C	9/00
701	B 07 C	5/02
702–705	B 07 C	7/04
706, 707	B 07 C	5/00

U.S. Class 210

Liquid purification or separation

(IPC B 01 D)

U.S. Subclass	IPC Subclass	IPC Notation
85–95	B 01 D	35/00
		35/14
96.1	B 01 D	
96.2	B 01 D	13/00
97–105	B 01 D	21/24
		23/20
		25/30
		33/38
		33/40
106–108	B 01 D	23/24
		25/22
		27/12
		29/39
		35/00
		41/00
109–119	B 01 D	21/24
		23/20
		33/38
120	B 01 D	35/00
121	B 01 D	
122	B 01 D	33/00
123–125	B 01 D	
126	B 01 D	23/24
		27/12
		29/38
		35/22
		41/00
127–129	B 01 D	35/00
130–133	B 01 D	27/10
		35/14
		41/00
134–149	B 01 D	21/30
150, 151	B 01 D	33/34
		35/00
153	B 01 D	
	C 02 F	
	E 02 B	
154–162	B 01 D	33/00
		35/00
	E 02 B	5/08
163–166	E 03 F	5/06
		5/14
		9/00
167	B 01 D	
	C 02 F	
168	F 01 M	
169	E 04 H	3/16
		3/20
170	E 02 B	
171, 172	E 03 B	11/00
173, 174	B 01 D	35/00
	E 03 D	9/10
175	B 01 D	35/18
	C 02 F	1/02
176	B 01 D	17/09
177–183	B 01 D	35/18
	C 02 F	1/02
184–187	B 01 D	23/00
		35/18
188	B 01 D	19/00
	C 02 F	1/20
189	B 01 D	23/10
		33/30
190, 191	B 01 D	23/24
		27/12
		29/38
		35/00
	C 02 F	5/00
192	B 01 D	
	C 07	
193	B 01 D	37/02
194–197	B 01 D	
	C 02 F	9/00
203	B 01 D	35/00
204	B 01 D	25/12
		35/00
205, 206	B 01 D	35/00
207, 208	B 01 D	23/00
		33/00
		35/00
209	B 01 D	
210–217	B 01 D	33/00
		33/06
218–221.2	B 01 D	
222, 223	B 01 D	35/06
	B 03 C	1/02
		1/30
	C 02 F	1/48
224	B 01 D	25/00
225	B 01 D	25/32
		33/00
226	B 01 D	25/06
227–229	B 01 D	25/00
		25/12
230	B 01 D	25/00
		29/38
231	B 01 D	25/12
		25/15
232–243	B 01 D	
	C 02 F	
244–246	B 01 D	23/00
		35/00
247–251	B 01 D	
	C 02 F	
252–257.1	B 01 P	
	C 02 F	9/00
257.2	B 01 D	13/00
	C 02 F	9/00
258–262	C 02 F	9/00
263, 264	B 01 D	15/00
		15/02
		23/10
		25/06
		27/02
		29/08
		29/38
		33/16
		33/24
265	B 01 D	23/00
		33/18
266	B 01 D	
267	B 01 D	15/00
		23/10
		25/06
		27/02
		29/08
		33/16
268	B 01 D	15/02
		23/10
269–281	B 01 D	23/24
		27/12
		29/38
		41/02
282	B 01 D	27/02
283–286	B 01 D	23/10
287–289	B 01 D	23/20
		27/02
		35/02
		35/28
290	B 01 D	23/10
291–293	B 01 D	23/18
		35/28
294	B 01 D	
	C 02 F	9/00
295, 296	B 01 D	23/00
		25/00
		27/00
		29/00
		35/00
		36/00
		36/04
297	B 01 D	33/00
		35/00
298	B 01 D	25/32
		33/36
		35/16
299–313	B 01 D	21/00
		23/26
		33/38
		43/00
302	A 62 C	31/18
314–318	B 01 D	23/00
		25/00

U.S. Class 210—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		27/00
		29/00
		35/00
319, 320	B 01 D	
321.1–321.5	B 01 D	13/00
	C 02 F	1/44
323.1, 323.2	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		36/02
324, 325	B 01 D	33/00
326	B 01 D	33/06
327–331	B 01 D	33/00
		35/12
		35/16
328	B 27 C	27/00
332–348	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		35/16
		35/22
349	B 01 D	19/00
		35/00
350–352	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		35/00
353	B 01 D	35/24
354–356	B 01 D	33/00
		35/00
357	B 01 D	33/00
358	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		35/00
359–382	B 01 D	33/00
		35/00
		35/22
	C 02 F	1/38
383	B 01 D	33/00
		35/00
384–387	B 01 D	33/00
388, 389	B 01 D	33/00
		35/20
390	B 01 D	35/02
391	B 01 D	33/00
		33/36
		35/16
392, 393	B 01 D	35/16
		35/22
394	B 01 D	33/06
395–397	B 01 D	33/00
		33/36
		35/16
398, 399	B 01 D	33/00
		35/00
400, 401	B 01 D	33/04
402–404	B 01 D	33/06
		33/08
405	B 01 D	21/24
		25/30
		29/42
		33/04
		33/38
		35/00
406	B 01 D	35/00
407–415	B 01 D	21/02
		21/18
		25/32
		33/36
		35/00
416.1–416.5	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
417–428	B 01 D	21/24
		23/20
		25/30
		29/42
		33/38
		35/00
429–432	B 01 D	35/02
433.1, 434	B 01 D	21/24
		23/20
		25/30
		29/42
		33/38
		35/00
435, 454	B 01 D	27/00
		35/00
		35/28
455	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		35/00
456	B 01 D	21/24
		25/04
		25/30
		29/42
		33/38
		35/00
		35/28
457–463	B 01 D	23/00
		25/00
		27/00
		29/00
		33/00
		35/00
464–469	B 01 D	23/20
		35/02
470–472	B 01 D	35/00
473–482	B 01 D	23/00
		35/00
483	B 01 D	23/02
		27/00
		29/00
		39/00
484, 485	B 01 D	27/08
		29/10
		35/00
484–485	B 01 D	35/30
486, 487	B 01 D	39/00
488–492	B 01 D	25/04
		29/46
493.1–493.5	B 01 D	27/06
		29/06
494.1–494.3	B 01 D	27/00
		29/06
495	B 01 D	23/08
		29/00
		35/00
496	B 01 D	27/02
		27/04
		39/14
497.01–497.3	B 01 D	29/10
		29/48
498, 499	B 01 D	39/10
503–505	B 01 D	39/02
		39/04
		39/06
506–509	B 01 D	39/08
		39/12
		39/14
511	B 01 D	11/00
		12/00
		17/00
512.1–512.3	B 01 D	21/26
		33/02
513–540	B 01 D	12/00
		17/00
		43/00
541, 542	B 01 D	21/28
600	B 01 D	
	C 02 F	
601	C 02 F	3/00
602	C 02 F	3/32
603, 604	C 02 F	3/00
605	C 02 F	3/30
606–619	C 02 F	3/00
620–629	C 02 F	3/02
630	C 02 F	3/30
631	C 02 F	9/00
632	C 02 F	1/00
633	B 01 D	3/00
		11/00
	C 02 F	1/26
634	B 01 D	11/00
		11/04
	C 02 F	1/26
		1/44
635	B 01 D	15/08
	C 02 F	1/28
636, 637	B 01 D	
	C 02 F	1/44
638	B 01 D	15/04
	C 02 F	1/42
639, 640	B 01 D	15/00
	C 02 F	1/44
641	B 01 D	13/00
	C 02 F	1/44
642	B 01 D	11/04
	C 02 F	1/26
643	B 01 D	17/00
	C 02 F	1/26
644–648●	B 01 D	11/00
644–648	B 01 D	13/00
	C 02 F	1/44
649–655	B 01 D	13/00
		13/01
	C 02 F	1/44
656–659	B 01 D	15/08
	C 02 F	1/28
660–669	B 01 D	15/00
	B 01 J	1/04
	C 02 F	1/42
670–677	B 01 D	15/06
	B 01 J	1/09
	C 02 F	1/42
678–679	B 01 D	15/00
	C 02 F	1/42
680	C 02 F	1/42
681	C 02 F	1/42
	G 21 F	9/04
682–688	C 02 F	1/42
689–694	B 01 D	15/04
	C 02 F	1/28
695	B 01 D	35/06
	B 03 C	1/30
	C 02 F	1/48
696	B 03 D	3/06
	C 02 F	1/00
697–701	C 02 F	1/00
702	B 01 D	21/00
	C 02 F	1/52
703–707	B 01 D	1/00
	B 03 D	1/00
	C 02 F	1/24
708	B 01 D	17/04
		21/00
	C 02 F	1/00
709–722	B 01 D	21/00
	C 02 F	1/52
723–738	B 01 D	21/01
	B 03 D	3/00
	C 02 F	1/52
739–746	C 02 F	1/00
747	B 01 D	
	C 02 F	7/00
748	B 01 D	17/06
		35/06
	B 03 C	
	C 02 F	1/48
749–752	B 01 D	
	C 02 F	1/68
753–756	C 02 F	1/76
757	C 02 F	1/70
758, 759	C 02 F	1/72
760	C 02 F	1/78
761–766	C 02 F	1/68
767–771	B 01 D	37/00
	C 02 F	1/00
772	B 01 D	23/24
	C 02 F	1/00
773	B 01 D	11/02
	C 02 F	1/00
774	B 01 D	35/18
	C 02 F	1/00
775	B 01 D	17/00
	C 02 F	1/00
776	C 02 F	1/40
	E 02 B	15/00
777, 778	B 01 D	37/02
	C 02 F	1/00
779	B 01 D	37/00
	C 02 F	1/00
780	B 01 D	33/00
	C 02 F	1/00
781, 782	B 01 D	33/02
	B 04 B	3/00
	C 02 F	1/38
783	B 01 D	33/04
	C 02 F	1/00
784	B 01 D	33/06
	C 02 F	1/00
785	B 01 D	33/24
	C 02 F	1/00
786	B 01 D	33/16
	C 02 F	1/00
787–789	B 01 D	21/26
	B 04 B	
	B 04 C	
	C 02 F	1/38
790	B 01 D	37/00
	C 02 F	1/00
791	B 01 D	23/24
		27/12
		29/38
		35/22
		41/00
	C 02 F	1/00
792–798	B 01 D	23/24
	C 02 F	1/00
799	B 01 D	17/02
	C 02 F	1/00
800–803	B 01 D	21/00
		23/00
	C 02 F	1/00
804	B 01 D	21/26
	C 02 F	1/00
805	B 01 D	17/12
	C 02 F	1/00
806	B 01 D	37/00
	C 02 F	1/00
807	B 01 D	23/10
	C 02 F	1/00
808	B 01 D	43/00
	C 02 F	1/00

U.S. Class 211

Supports, racks

(IPC A 47)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 47 F	
1.3	A 47 B	53/00
1.5	A 47 F	3/08
2	A 47 F	
4–9	E 05 B	73/00
10–12	B 42 F	17/00
13–15	A 47 F	7/00
16	A 47 K	10/00
17–22	A 47 F	7/00
23, 24	A 47 F	7/04
26, 27	A 47 F	7/00
28	A 47 G	29/00
29	A 47 F	7/00
30–33	A 47 F	7/06
	A 47 G	25/10
34–38	A 47 F	7/08
39	A 47 F	13/00
40	A 47 G	29/00
41	A 47 G	19/08
42, 43	A 47 B	65/00
44	A 47 F	7/18
45–48	A 47 F	7/16
49–59.1	A 47 F	7/00
60	A 47 F	7/00
	E 21 B	19/14
61	A 47 F	7/00
62, 63	A 47 G	25/12
64	A 47 F	7/00
65, 66	A 47 B	81/02
67–69	A 47 F	7/00
69.1	A 47 F	7/00
	B 43 M	17/00
69.2	A 47 F	7/00
	B 43 L	27/02
69.3–69.9	A 47 F	7/00
	B 43 M	17/00
70	A 47 F	7/00
71–73	A 47 G	29/00
74–77	A 47 B	73/00
78–85	A 47 G	29/00
86	A 47 F	5/00
87–90, 94–105	A 47 F	5/08
105.1, 105.2	A 47 H	1/02
105.3–105.6	A 47 H	1/08
106–119	A 47 F	5/08
119.01–119.18	O 06 F	53/00
120	A 47 H	13/00
121, 122	A 47 F	5/02
123	A 47 H	1/00
	A 47 K	10/04
124	A 47 H	13/00
125	B 42 F	13/12
126–133	A 47 F	3/14
	A 47 J	47/00
134, 135	A 47 F	5/00
144	A 47 F	5/02
149–151, 153	A 47 F	5/00
162	A 47 F	5/00
163–167	A 47 F	5/02
168–174	A 47 F	5/12
175	A 47 F	5/00
180	A 47 F	5/00
181–182	A 47 F	5/14
183, 184	A 47 F	5/00
186–209	A 47 B	47/00
	A 47 F	43/00
		57/00

U.S. Class 212

Traversing hoists

(IPC B 66 C)

U.S. Subclass	IPC Subclass	IPC Notation
71	B 66 C	19/00
72	B 63 B	27/18
	B 66 C	21/00
73–75	B 66 C	19/00
76–123	B 66 C	21/00
124–142	B 66 C	19/00
142.1	B 66 C	11/00
146–148	B 66 C	13/06
149	B 66 C	13/18
		23/88
150	B 66 C	13/18
151	B 66 C	13/30
		13/50
		23/94
152	B 66 C	13/18
		23/90
153–155	B 66 C	13/16
		13/18
		15/06
156	B 66 C	13/18
157, 158	B 66 C	13/16
159	B 66 C	13/12
160	B 66 C	13/40
161	B 66 C	13/48
		23/58
162–164	B 66 C	13/12
165	B 66 C	13/54
166	B 66 C	11/12
		23/18
167, 168	B 66 C	23/00
169	B 66 C	23/26
170	B 66 C	13/00
171	B 66 C	9/14
		17/00
172	B 66 C	23/40
173, 174	B 66 C	23/38
175	B 66 C	23/26
176	B 66 C	23/34

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 212—Con.		
177	B 66 C	23/70
178	B 66 C	23/72
179	B 66 C	23/18
180–181	B 66 C	23/44
182	B 66 C	23/26
183–186	B 66 C	23/42
187, 188	B 66 C	23/42
187	B 66 C	23/68
189	B 66 C	23/78
190–192	B 66 C	23/52
		23/53
193, 194	B 66 C	23/60
195	B 66 C	23/72
196–198	B 66 C	23/76
199–202	B 66 C	23/00
203	B 66 C	23/56
204	B 66 C	23/28
205	B 66 C	17/00
		19/00
206	B 66 C	11/02
207	B 66 C	21/04
208	B 66 C	5/04
		19/00
209, 210	B 66 C	17/00
209	B 66 C	19/00
211	B 66 C	11/10
212	B 66 C	5/04
		11/08
213	B 66 C	17/00
		19/00
214	B 66 C	9/14
		11/16
215	B 66 C	11/16
216, 217	B 66 C	11/02
218, 219	B 66 C	5/02
		19/00
220	B 66 C	11/12
221	B 66 C	17/06
222	B 66 C	23/92
223	B 66 C	23/02
224	B 66 C	1/10
225–228	B 66 C	7/00
229	B 66 C	23/62
230	B 66 C	23/04
231	B 66 C	23/04
232, 233	B 66 C	23/06
234	B 66 C	23/00
235	B 66 C	23/08
236	B 66 C	23/60
237	B 66 C	23/82
238	B 66 C	23/56
239–241	B 66 C	23/82
242	B 66 C	1/00
243	B 66 C	1/42
		3/00
244	B 66 C	23/26
245–248	B 66 C	23/84
249	B 66 C	23/18
250	B 66 C	23/56
251	B 66 C	1/00
		3/00
252	B 66 C	23/00
253	B 66 C	23/84
254	B 66 C	23/26
255	B 66 C	23/06
256	B 66 C	23/10
257	B 66 C	7/00
258	B 66 C	23/26
259	B 66 C	1/00
		3/00
260	B 66 C	23/82
261	B 66 C	23/56
262, 263	B 66 C	23/82
264	B 66 C	23/04
265	B 66 C	23/26
266	B 66 C	23/64
267–269	B 66 C	23/04
270, 271	B 66 C	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 213		
Railway draft appliances		
(IPC B 61 G)		
1	B 61 G	
1.3–1.6	B 61 G	5/06
2–6	B 61 G	5/02
7	B 61 G	9/02
		9/04
		9/06
		11/00
8	B 61 G	9/12
9	B 61 G	9/02
		9/04
10–49	B 61 G	9/02
		9/04
		9/06
		11/00
50–61	B 61 G	7/10
		9/20
62–72	B 61 G	9/00
73	B 61 G	9/00
		9/12
74	B 61 G	1/10
75	B 61 G	1/00
		3/00
		5/00
		7/00
76	B 61 G	5/06
77–174	B 61 G	3/00
175–210	B 61 G	1/00
211–219	B 61 G	1/00
		3/00
		7/00
220–223	B 61 G	11/00
224	B 61 G	7/04
U.S. Class 215		
Bottles and jars		
(IPC B 65 D)		
1	B 65 D	23/00
2	B 65 D	1/06
		1/20
3–5	B 65 D	23/00
		47/34
	B 67 C	9/00
6	B 65 D	1/04
10	B 65 D	21/00
11	A 61 J	9/00
13	A 47 J	41/00
14–16	B 65 D	47/02
		49/00
17–30	B 65 D	49/02
31	B 65 D	1/02
32–36	B 65 D	1/02
99.5	A 47 G	19/22
	B 65 D	1/00
100	B 65 D	23/12
100.5	B 65 D	23/06
101	B 65 D	23/12
200	B 65 B	7/28
	B 65 D	35/44
		51/00
201–206	A 61 J	1/00
	B 65 D	55/02
		85/56
207	B 65 D	55/14
208–225	B 65 D	55/02
258	B 65 D	49/12
259	B 65 D	53/00
260	B 65 D	51/16
261	B 65 D	53/00
262	B 65 D	51/16
		55/00
263–265	B 65 D	39/00
		47/02
		49/00
266	B 65 D	39/06
		47/02
		49/00
267, 268	B 65 D	39/00
		47/02

U.S. Subclass	IPC Subclass	IPC Notation
		49/00
269	B 65 D	39/12
270	B 65 D	53/00
271	B 65 D	39/12
		53/00
272	B 65 D	45/32
273	B 65 D	45/00
274–276	B 65 D	45/30
		45/32
		45/34
277, 278	B 65 D	41/62
		45/00
		51/18
279–282	B 65 D	45/00
283–285	B 65 D	45/24
286	B 65 D	45/04
287–290	B 65 D	45/16
291	B 65 D	45/32
292	B 65 D	39/02
293	B 65 D	45/16
294	B 65 D	39/00
		45/16
295	B 65 B	43/38
		43/40
	B 65 D	39/00
		41/00
		43/00
296–300	B 65 D	39/00
301	B 65 D	39/00
		41/00
		43/00
302–304	B 65 D	51/24
305	B 65 D	41/00
306	B 65 D	55/16
307–315	B 65 D	51/16
316	B 65 D	41/00
317–321	B 65 D	41/16
		41/18
		41/22
		41/28
		41/46
		41/48
		41/52
		41/58
322	B 65 D	43/12
		43/20
323	B 65 D	41/00
		45/30
324, 325	B 65 D	41/10
		41/12
		41/40
		41/42
326	B 65 D	41/14
		41/44
327, 328	B 65 D	41/10
		41/12
		41/40
		41/42
329–331	B 65 D	41/04
		41/34
332	B 65 D	41/06
		41/36
333, 334	B 65 D	41/04
		41/34
335	B 65 D	41/08
		41/34
		41/38
336–340	B 65 D	41/04
		41/34
341–352	B 65 D	53/00
353, 354	B 65 D	41/00
355	B 65 D	39/00
356, 357	B 65 D	39/08
		39/10
358–362	B 65 D	39/12
363	B 65 D	3/14
		3/16
		39/02
364	B 65 D	39/00
365–367	A 61 J	1/001

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 217		
Wooden receptacles		
(IPC B 65 D)		
1, 2	B 65 D	25/00
3	B 65 D	25/14
4	B 65 D	88/00
		89/00
6	B 65 D	1/00
7–10	B 65 D	25/04
		25/10
11	B 65 D	85/00
12	B 65 D	8/14
13	B 65 D	6/00
17	B 65 D	6/14
18–34	B 65 D	25/02
		81/00
		85/00
37, 38	B 65 D	85/68
40	B 65 D	85/34
42	B 65 D	6/08
		81/24
44, 45	B 65 D	6/16
46–48	B 65 D	9/22
49	B 65 D	8/00
51	B 65 D	6/08
52–55	B 65 D	81/02
		85/30
56	B 65 D	6/40
		43/00
57, 58	B 65 D	43/16
59	B 65 D	43/20
60, 61	B 65 D	43/24
62, 63	B 65 D	43/12
64	B 65 D	25/02
66–71	B 65 D	6/34
		63/00
72–74	B 65 D	8/00
		8/16
		25/00
75	B 65 D	25/02
76, 77	B 65 D	43/00
78–80	B 65 D	39/12
81–85	B 65 D	43/00
86	B 65 D	25/02
87	B 65 D	43/00
89	B 65 D	43/22
		45/00
90	B 65 D	25/00
91–95	B 65 D	25/00
97	B 65 D	25/00
98–114	B 65 D	39/00
125	B 65 D	25/28
		25/32
126	B 65 D	25/20
127	B 65 D	81/00
		85/00
128	B 65 D	81/38
129	B 65 D	81/18
		81/38
130	B 65 D	81/18
131	B 65 D	6/10
		81/18
		81/38
U.S. Class 219		
Electric heating		
(IPC H 05 B)		
6.5	H 05 B	5/00
		6/00
7.5	B 23 H	1/00
		5/00
		7/00
		9/00
		11/00
	H 05 B	5/00
		6/00
8.5	H 05 B	5/00
		6/00
9.5	B 23 K	13/00
10.41	H 05 B	5/00
		6/00

U.S. Subclass	IPC Subclass	IPC Notation
10.43	H 05 B	5/00
		6/00
10.47	H 05 B	5/00
		6/00
10.49	H 05 B	5/00
		6/00
		9/00
10.51	H 05 B	5/00
		6/00
10.53	B 23 K	13/02
10.55	H 05 B	6/64
10.57	H 05 B	5/00
		6/64
10.59	H 05 B	5/00
		6/64
10.61	H 05 B	5/00
		6/64
10.63	H 05 B	5/00
		6/64
10.65	H 05 B	5/00
		6/64
10.67	H 05 B	5/00
		6/64
10.69	H 05 B	5/00
		6/64
10.71	H 05 B	5/00
		6/64
10.73	H 05 B	5/00
		6/00
10.75	H 05 B	5/00
		6/64
10.77	H 05 B	1/02
		6/06
		6/64
10.79	H 05 B	6/36
10.81	H 05 B	6/46
50	H 05 B	1/00
		3/00
		7/00
		11/00
51	B 21 L	3/02
	H 05 B	1/00
52	B 21 L	3/00
	H 05 B	1/00
53	H 05 B	1/00
54	B 23 K	9/00
55	B 23 K	11/00
56	B 23 K	1/00
		9/00
		11/00
		15/00
56.1–56.22	B 23 K	11/16
57	B 23 K	1/00
		9/00
		11/02
		11/04
		15/00
58	B 23 K	1/00
		9/00
		11/00
		15/00
59.1	B 23 K	9/00
		11/00
60	B 23 K	9/02
60.2	B 23 K	9/02
61	B 23 K	31/06
61.1–61.7	B 23 K	31/06
62	B 23 K	1/16
		11/08
63–66	B 23 K	1/16
		11/30
67	B 23 K	31/06
68	B 23 H	1/00
		5/00
		7/00
		9/00
		11/00
69	B 23 K	9/16
70	B 23 K	9/00
71	B 23 K	27/00
72	B 23 K	9/16
		35/38
73	B 23 K	9/18
		25/00
73.1	B 23 K	25/00
73.11	B 23 K	9/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 219—Con.		
73.2	B 23 K	9/18
73.21	B 23 K	9/04
74	B 23 K	9/16
		35/38
75	B 23 K	9/16
		9/24
		35/38
76.1	B 23 K	9/04
76.11	B 23 K	9/32
76.12	B 23 K	9/04
76.13	B 23 K	28/00
76.14	B 23 K	9/04
76.15	B 23 K	25/00
76.16	B 23 K	9/18
76.17	B 23 K	11/00
77	B 23 K	9/04
78.01–78.15	B 23 K	11/00
79, 80	B 23 K	9/12
		11/00
81–84	B 23 K	11/06
85	B 23 K	1/02
		1/04
86.1, 86.21	B 23 K	9/28
86.22	B 23 K	9/10
86.23	B 23 K	9/18
86.24	B 23 K	9/28
86.25	B 23 K	9/32
86.31	B 23 K	37/02
86.32	B 23 K	9/28
86.41	B 23 K	9/12
86.51	B 23 K	37/02
86.61	B 23 K	9/12
86.7	B 23 K	37/02
86.8	B 23 K	9/32
86.9	B 23 K	9/12
87–90	B 23 K	9/28
		11/10
91.1–91.23	B 23 K	11/10
92–94	B 23 K	9/28
		11/00
95, 96	B 23 K	9/22
		11/12
97–99	B 23 K	9/00
		11/04
100	B 23 K	9/00
		11/04
101–107	B 23 K	9/02
		11/02
		11/04
108	B 23 K	9/10
		11/04
		11/24
109–111	B 23 K	9/10
		11/24
112	B 23 K	9/06
		11/26
113–116	B 23 K	9/10
		11/24
117.1	B 23 K	11/00
118	B 23 K	9/00
		11/16
119, 120	B 23 K	9/24
		11/30
	H 05 B	3/03
121, 122	B 23 K	9/00
123	B 23 K	9/08
124.01–124.03	B 23 K	9/06
124.1–126	B 23 K	9/12
127, 128	B 23 K	9/00
129	B 23 K	1/04
		1/10
130.01–130.33	B 23 K	9/10
130.4	B 23 K	9/06
130.5, 130.51	B 23 K	9/10
132–134	B 23 K	9/10
	H 05 B	7/11
136, 137	B 23 K	9/00
137.2	B 23 K	9/28
137.31	B 23 K	9/10
137.41, 137.42	B 23 K	9/16
137.43–137.51	B 23 K	9/28
137.52	B 23 K	9/12
137.61	B 23 K	9/28
137.62	B 23 K	9/12
137.63	B 23 K	9/32
137.7	B 23 K	9/12
137.71	B 23 K	9/10
137.8	B 23 K	9/12
137.9	B 23 K	9/32
138–144	B 23 K	9/28
	H 05 B	7/10
145.1	B 23 K	35/02
145.21	B 23 K	35/04
145.22–145.41	B 23 K	35/02
146.1	B 23 K	35/22
146.21	B 23 K	35/32
146.22–146.24	B 23 K	35/34
146.3	B 23 K	9/12
		35/365
		35/368
146.31	B 23 K	35/24
146.32–146.52	B 23 K	35/34
147	B 23 K	9/32
148	B 23 K	11/00
149	B 21 J	1/06
	H 05 B	1/00
150–152	B 21 J	5/08
	H 05 B	1/00
153–154	B 21 J	5/06
	H 05 B	1/00
155–157	C 21 D	9/62
	H 05 B	1/00
158–161	B 21 J	13/08
	H 05 B	1/00
162	C 21 D	1/40
	H 05 B	1/00
200–201	H 05 B	1/00
		3/00
		11/00
202–208	B 60 L	1/02
209–221	H 05 B	1/00
		3/00
		11/00
222	A 45 D	1/04
		2/36
		4/06
		4/12
223	A 45 D	25/18
224	A 45 D	1/20
		2/36
		4/14
		4/16
225	A 45 D	1/04
226	A 45 D	1/04
		20/00
		20/08
227	H 05 B	1/00
		3/02
		11/00
228	H 05 B	1/00
		3/20
229–242	H 05 B	1/00
		3/42
243, 244	H 05 B	1/00
		3/02
245	D 06 F	75/08
246	D 06 F	
247	D 06 F	75/28
		75/40
248	D 06 F	75/26
249	D 06 F	75/08
250–253	D 06 F	75/26
254, 255	D 06 F	75/24
256, 257	D 06 F	75/26
258	D 06 F	75/24
259	D 06 F	75/08
260	F 23 Q	7/00
261	F 23 Q	7/04
262–266	F 23 Q	7/00
		13/00
267	F 23 Q	7/22
268	F 23 Q	7/00
		7/16
		7/18
		7/20
269, 270	F 23 Q	7/22
271	F 22 B	1/28
272–276	F 22 B	
277, 278	H 05 B	3/02
279	F 27 D	11/00
280	H 05 B	1/00
		3/00
		7/18
		11/00
281	F 24 H	1/00
	H 05 B	1/00
		3/00
		7/18
		11/00
282	F 24 H	
	H 05 B	1/00
		3/00
		7/18
		11/00
283–295	H 05 B	3/60
296	F 24 H	1/10
	H 05 B	1/00
		3/00
		11/00
297	F 24 H	1/20
	H 05 B	1/00
		3/00
		11/00
298, 299	F 24 H	1/10
	H 05 B	1/00
		3/00
		11/00
300	F 24 H	1/14
	H 05 B	1/00
		3/00
		11/00
301	F 24 H	1/10
	H 05 B	1/00
		3/00
		11/00
302	F 24 H	1/20
	H 05 B	1/00
		3/00
		11/00
303, 304	F 24 H	1/16
	H 05 B	1/00
		3/00
		11/00
305	F 24 H	1/12
	H 05 B	1/00
		3/00
		11/00
306–309	F 24 H	1/10
	H 05 B	1/00
		3/00
		11/00
310–315	F 24 H	1/18
	H 05 B	1/00
		3/00
		11/00
316, 317	H 05 B	1/00
		3/78
		11/00
318	H 05 B	1/00
		1/20
		3/80
		11/00
319–321	H 05 B	1/00
		3/78
		11/00
322–324	F 24 H	1/00
		1/20
		3/02
		11/00
325	F 24 F	7/00
	H 05 B	1/00
		3/02
		11/00
326	F 24 H	7/02
	H 05 B	1/00
		3/02
		11/00
327–338	F 24 H	1/00
	H 05 B	1/00
		3/02
		11/00
339, 340	F 24 H	3/00
	H 05 B	1/008
		3/02
341	F 24 H	7/00
	H 05 B	1/00
		3/02
		11/00
342–349	F 24 H	*9/02
	H 05 B	1/00
		3/02
		11/00
350–364	F 24 H	3/00
	H 05 B	1/00
		3/02
		11/00
365	F 24 H	7/00
	H 05 B	1/00
		3/02
		11/00
366–368	F 24 H	9/02
	H 05 B	1/00
		3/02
		11/00
369–372	F 24 H	3/04
	H 05 B	1/00
		3/02
		11/00
373–377	F 24 H	3/00
	H 05 B	1/00
		3/02
		11/00
378	F 24 H	7/00
	H 05 B	1/00
		3/02
		11/00
379–382	F 24 H	3/00
	H 05 B	1/00
		3/02
		11/00
383, 384	H 05 B	7/18
385	F 27 D	11/00
386	F 24 C	7/10
	F 27 D	11/00
387	A 21 B	1/52
	F 27 D	11/00
388	F 27 B	9/06
	F 27 D	11/00
389	F 27 B	7/00
	F 27 D	11/00
390	F 27 B	5/14
	F 27 D	11/00
391	A 21 B	1/00
		1/22
	F 27 D	11/00
392	A 21 B	1/00
		1/22
	F 27 D	5/00
		11/00
393–414	A 21 B	1/00
		1/22
	F 27 D	11/00
415–419	F 27 D	11/00
420–427	F 27 B	14/00
428–442	F 27 D	11/00
443–468	H 05 B	3/68
469–471	B 21 B	27/06
	H 05 B	3/02
472–489	H 05 B	3/02
490–506	H 05 B	1/02
507, 508	H 05 B	3/02
509–519	H 05 B	1/02
520–527	H 05 B	3/06
528, 529	H 05 B	3/34
		3/54
530	H 05 B	3/06
		3/50
531–533	H 05 B	3/06
534	H 05 B	3/40
535	H 05 B	3/58
536, 537	H 05 B	3/06
538, 539	H 05 B	3/02
540	H 05 B	3/06
541	H 05 B	3/08
542	H 05 B	3/06
543	H 05 B	3/16
544	H 05 B	3/44
		3/50
545	H 05 B	3/34
		3/54
546	H 05 B	3/02
547, 548	H 05 B	3/10
549	H 05 B	3/34
		3/54
550, 551	H 05 B	3/02
552, 553	H 05 B	3/10

U.S. Class 220

Metallic receptacles

(IPC B 65 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 D	
		90/00
1.5	B 65 D	88/00
2.1	H 01 J	61/30
	H 01 K	1/28
2.2	H 01 K	3/22
2.3	H 01 K	1/42
3	F 25 J	
3.1	A 47 J	41/00
3.2–3.94	H 02 G	3/08
4	B 65 D	6/00
		6/12
		6/16
5	B 65 D	6/00
		8/00
6–8	B 65 D	6/12
		6/16
		6/28
		8/14
17.1	B 65 D	25/20
17.2	B 65 D	25/32
17.3	B 65 D	25/20
18	B 65 D	25/24
18.1	B 65 D	
20–23	B 65 D	1/24
		1/36
		57/00
		85/00
23.2–23.86	A 47 G	19/00
	B 65 D	21/02
62	B 65 D	25/00
66–74	B 65 D	6/34
		8/04
		8/06
		8/08
70.1	B 65 D	
72.1	B 65 D	
82	B 65 D	25/54
82.5	A 47 J	31/04
83, 84	B 65 D	6/10
		8/04
		90/02
85	B 65 D	6/12
		6/40
		25/00
		90/12
86	B 65 B	3/00
	B 67 C	3/00
87–90	B 65 D	25/00
90.2–90.6	A 47 G	19/22
91, 92	B 65 D	25/32
93	B 65 D	25/10
94–96	B 65 D	25/28
200	B 65 B	7/28
	B 65 D	6/40
		35/44
		39/00
		41/00
		43/00
		45/00
		47/00
		51/00
		53/00
		55/00
		90/54
201	B 65 D	55/00
202–209	B 65 D	51/16
210	B 65 D	55/14
211	B 65 D	55/00
212	B 65 D	41/56
		51/26
		51/28
		51/30
		51/32

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 220—Con.		
213	B 65 D	51/12
214	B 65 D	53/00
		55/02
215	B 65 D	6/10
216	B 65 D	88/34
218	B 65 D	88/36
219	B 65 D	88/38
220	B 65 D	88/40
221	B 65 D	88/42
223	B 65 D	88/44
224	B 65 D	88/46
225	B 65 D	88/48
226	B 65 D	17/28
		88/50
228	B 65 D	53/06
229	B 65 D	51/00
230	B 65 D	51/00
231	B 65 D	51/16
232–240	B 65 D	53/00
241–242	H 02 G	3/14
243–251	B 65 D	45/00
252	B 65 D	43/14
253–256	B 65 D	51/18
257	B 65 D	51/20
258	B 65 D	51/22
259	B 65 D	43/16
		43/18
		51/18
260	B 65 D	17/50
		41/02
261	B 65 D	41/00
262–264	B 65 D	43/26
265	B 65 D	41/02
		41/32
267	B 65 D	17/30
268	B 65 D	17/32
269	B 65 D	17/34
270	B 65 D	17/34
274	B 65 D	17/36
275	B 65 D	17/38
276	B 65 D	17/40
277	B 65 D	17/42
278	B 65 D	17/44
279	B 65 D	17/46
280	B 65 D	17/48
281–282	B 65 D	43/04
283	B 65 D	43/16
284–286	B 65 D	17/52
		43/26
287	B 65 D	51/00
288–292	B 65 D	41/04
293–302	B 65 D	41/06
		41/36
303	B 65 D	51/16
304	B 65 D	53/00
305	B 65 D	51/12
306	B 65 D	41/16
		41/18
307, 308	B 65 D	39/00
309, 310	B 65 D	41/10
		41/12
		41/14
314	B 65 D	45/28
315–318	B 65 D	45/00
319, 320	B 65 D	45/32
321	B 65 D	45/34
322	B 65 D	45/04
323	B 65 D	45/28
324–326	B 65 D	45/16
327, 328	B 65 D	45/00
329–334	B 65 D	43/14
		51/04
335	B 65 D	43/24
336	B 65 D	43/18
337–343	B 65 D	43/14
		51/04
344	B 65 D	53/00
345–351	B 65 D	43/20
352, 353	B 65 D	43/04
		43/08
354, 355	B 65 D	43/06
356, 357	B 65 D	43/08
358	B 65 D	53/00
359	B 65 D	41/00
360–374	B 65 D	51/16
375	B 65 D	55/16
376, 377	B 65 D	51/00
378	B 65 D	53/00
379, 380	B 65 D	43/03
		55/00
400–470	B 65 D	
		90/04
900, 901	B 65 D	
902	B 65 D	
U.S. Class 221 Article dispensing **(IPC B 65 H)**		
1	B 65 G	59/00
	B 65 H	
	G 07 F	11/00
2–10	G 07 F	11/00
11	G 07 F	11/12
12–14	G 07 F	11/00
15, 16	B 65 B	59/00
17	B 65 H	7/00
	G 07 F	11/00
18–20	B 65 H	7/18
21–23	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/00
24	A 24 F	15/04
	G 07 F	11/00
25	G 07 F	11/66
26	B 65 H	3/58
27–29	A 47 F	1/00
	G 07 F	11/00
30–32	G 07 F	11/72
33–35	B 65 H	1/00
36–43	B 65 H	3/00
44–55	A 47 K	10/24
	B 65 H	1/00
56–60	B 65 H	1/08
61–63	B 65 H	1/00
64, 65	B 65 D	83/00
66	A 47 F	1/04
	G 07 F	11/00
67	B 65 G	59/00
	G 07 F	11/08
68	B 65 G	59/00
	B 65 H	1/00
69	G 07 F	11/00
70–74	B 65 H	5/28
	G 07 F	11/68
75–89	G 07 F	11/00
90	G 07 F	11/06
91	G 07 F	11/00
92	B 65 G	59/00
	B 65 H	1/00
	G 07 F	11/00
93–95	B 65 H	3/44
	G 07 F	11/00
96–102	A 47 F	1/00
	G 07 F	11/00
103–111	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/12
112–118	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/00
119–122	B 65 G	59/00
	B 65 H	1/00
	G 07 F	11/00
123–132	B 65 G	59/00
	B 65 H	3/44
	G 07 F	11/00
133	B 65 H	1/00
	G 07 F	11/10
134	B 65 G	59/00
135–150	A 24 F	27/14
	B 65 D	83/00
	G 07 F	11/72
151–153	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
154, 155	A 47 F	1/04
	G 07 F	11/00
156–173	B 23 Q	7/12
	B 65 H	9/00
174	B 23 Q	7/00
	G 07 F	11/00
175–184	B 65 G	59/00
	B 65 H	1/30
185	A 01 C	
186–190	A 24 F	15/04
	G 07 F	11/46
191–196	B 65 H	3/00
	G 07 F	11/00
197, 198	B 65 H	1/00
199	B 65 G	59/00
	B 65 H	
	G 07 F	11/00
200–205	B 65 H	3/60
	G 07 F	11/00
206, 207	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/00
208–210	B 23 Q	7/04
	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
211	B 23 Q	7/04
	B 65 G	59/04
	B 65 H	3/08
	G 07 F	11/10
212	B 23 Q	7/04
	B 65 G	59/04
	B 65 H	3/16
	G 07 F	11/10
213–216	A 01 C	9/00
	B 23 Q	7/04
	B 65 H	3/22
	G 07 F	11/16
217–220	A 01 C	9/00
	B 23 Q	7/04
	G 07 F	11/16
221–223	B 65 H	3/28
	G 07 F	11/16
224, 225	B 65 H	5/00
	G 07 F	11/16
226–232	B 65 H	1/08
	G 07 F	11/16
233–238	B 65 H	5/00
	G 07 F	11/16
239	B 23 Q	7/00
240	B 65 H	3/26
241, 242	B 65 H	31/20
	G 07 F	11/16
243–252	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
253	B 65 H	3/36
	G 07 F	11/26
254	A 24 F	15/04
	G 07 F	11/16
255–258	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
259	B 65 G	59/00
	B 65 H	3/02
	G 07 F	11/16
260–271	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
272–275	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/22
276	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/16
277	B 65 G	59/00
	B 65 H	3/00
	G 07 F	11/24
278	B 65 G	59/00
	B 65 H	3/08
279, 280	B 65 G	59/00
	B 65 H	1/08
	G 07 F	11/16
281	B 65 G	59/00
	B 65 H	1/30
282–287	B 65 G	59/00
	B 65 H	1/00
288	G 07 F	11/00
289–301	B 65 G	59/00
	B 65 H	3/30
	G 07 F	11/16
302–311	A 47 F	1/04
	G 07 F	11/16
312	B 65 G	59/00
	B 65 H	
	G 07 F	11/00
U.S. Class 222 Dispensing **(IPC B 67 D)**		
1	B 67 B	7/00
	G 01 F	11/00
2	B 67 D	5/10
	G 07 F	13/00
3–6	B 67 B	7/24
14–19	B 67 D	5/30
20	B 67 D	5/30
	G 01 F	11/12
		11/30
		11/42
21, 22	B 67 D	5/30
23	B 67 D	5/06
		5/38
24	B 67 D	5/22
25–29	B 67 D	5/06
		5/16
		5/22
30	B 67 D	5/24
31	B 67 D	5/22
32–35	B 67 D	5/26
36–38	B 67 D	5/22
39	B 67 D	5/32
40	B 67 D	5/32
		5/38
41–51	B 67 D	5/22
52–69	B 67 D	5/08
		5/14
71–73	B 67 D	5/16
74, 75	B 67 D	5/12
77	G 01 G	13/00
		17/04
78	B 67 D	
79	A 63 H	3/18
80–88	B 67 B	7/24
89–91	B 67 B	7/26
92	B 65 D	35/00
		37/00
93	B 65 D	35/24
94	B 65 D	35/22
95	B 65 D	35/28
96	B 65 D	35/54
97, 98	B 65 D	35/28
99	B 65 D	35/32
100	B 65 D	35/34
101–104	B 65 D	35/28
105	B 65 D	35/56
106	B 65 D	35/18
		35/20
		35/40
		35/42
107	B 65 D	35/08
		35/14
		35/16
108–111	B 67 D	1/16
113	B 65 D	5/66
129–129.4	B 67 D	5/56
130–134	B 67 D	5/60
		5/64
135–142	B 67 D	5/52
142.1–142.9	A 47 G	19/12
		19/24
		19/30
143–145	B 67 D	5/60
146	B 67 D	5/62
147	B 65 D	47/02
		49/00
	B 67 D	5/00
148–152	B 67 D	1/08
153	B 67 B	5/00
	B 67 D	5/32
154–159	B 67 D	5/38
160–172	B 67 D	5/64
173–175	B 67 D	5/64
179–186	B 67 D	5/06
187	B 67 D	3/00
188	B 67 D	1/08
189, 190	B 67 D	5/58
191, 192	B 67 D	5/06
195	B 65 G	69/06
	B 67 D	5/06
204	B 65 G	69/00
	B 67 D	5/06
205	B 67 D	5/06
206–215	B 65 D	37/00
216–235	G 01 F	11/00
		13/00
236–242	G 01 F	11/20
243–248	G 01 F	11/14
249	G 01 F	11/04
250	G 01 F	11/06
251, 252	B 65 D	88/54
	G 01 F	13/00
253	G 01 F	11/04
254, 255	B 67 D	5/52
256–281	G 01 F	11/00
282–343	B 65 D	88/54
	G 01 F	11/06
		11/30
		11/36
		11/42
344–371	G 01 F	11/10
372–385	B 67 D	5/40
386–393	B 67 D	5/42
	G 01 F	11/00
394–403	B 65 D	83/00
		83/06
		83/14
404–409	G 01 F	11/00
410–415	G 01 F	11/20
416	F 04 F	10/00
420–422	B 65 D	47/18
423	B 67 D	5/06
424–453	G 01 F	11/28
454–456	G 01 F	11/26
457	G 01 F	11/28
457.5	A 47 G	19/12
460–462	B 65 D	88/26
	B 67 C	11/00
463	B 67 D	5/64
464	B 67 D	5/60
465–475	A 47 G	19/14
476, 477	B 65 D	47/00
478–489	B 67 D	3/00
490–501	B 65 D	5/72
		25/40
		35/38
502, 503	B 65 D	47/00
504–505	B 67 D	3/00
		5/06
506	B 65 D	47/20
507–540	B 67 D	3/00
		5/06
509	B 22 D	37/00
		41/00
	B 67 D	
	C 21 B	7/12
541	B 65 D	47/10
542, 543	B 67 D	3/00
		5/06
544–563	B 65 D	47/00
	B 67 D	3/00
564	B 67 D	3/00
		5/06
565	A 47 G	19/24
	B 65 D	47/00
566–575	B 65 D	5/72
		25/40
		35/38
576	B 43 L	25/00
577	B 43 L	27/00
578–582	B 43 L	25/04
583	B 43 L	25/02
584	B 43 L	25/06
585–589	B 43 L	25/02
591	B 22 D	41/00
592	B 22 D	35/06
	B 67 D	5/62

U.S. Class 222—Con.

U.S. Subclass	IPC Subclass	IPC Notation
593	B 22 D	35/06
	B 67 D	5/62
594	B 22 D	41/08
	B 67 D	5/37
		5/54
	C 21 B	7/12
595	B 67 D	1/04
		5/54
596	B 67 D	1/10
		5/40
597	B 22 D	41/08
		41/10
	B 67 D	3/00
598	B 22 D	41/08
	B 67 D	3/00
599–602	B 22 D	41/08
	B 67 D	3/00
603	B 22 D	
	B 67 D	5/00
604, 605	B 22 D	41/04
		41/06
606, 607	B 22 D	35/00
		37/00
		39/00
	B 67 D	5/00
608–616	A D1 C	
617	A D1 C	15/04
618–620	A D1 C	
621	A D1 C	23/00
	A D1 G	25/09
	B 05 B	3/18
622–625	A 01 C	
626, 627	F 04 B	17/06
628	F 04 B	33/00
629	B 22 D	41/00
630	B D5 B	7/00
631, 632	B D5 B	11/02
633	B D5 B	11/06
634	B D5 B	11/00
635	B 65 D	83/14
636	A D1 C	15/04
	A 01 N	17/08
637	B D5 B	7/14
	B 65 G	47/34
638, 639	B 67 D	5/08
	G D4 C	23/00
640, 641	G D4 C	1/12
		23/00
642–648	G D4 C	5/08
		23/00
649	G D4 C	5/08
		23/42
650	A D1 K	5/02
		23/14
651, 652	A 47 L	15/46
		23/42

U.S. Class 223

Apparel apparatus

(IPC A 41 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 41 H	43/00
1.1	A 41 H	9/00
2	A 41 H	43/00
3	A 41 H	33/00
4, 6	A 41 H	43/00
7	A 42 C	1/00
8	A 42 C	3/00
10	A 42 C	1/08
11	A 42 C	1/00
12–17	A 42 C	1/04
18	A 42 C	1/08
19	A 42 C	1/00
20, 21	A 42 C	1/08
22–26	A 42 C	1/00
27	A 41 H	43/00
28–36	A 41 H	43/00
	D 05 B	35/08
	D D6 J	1/00
37, 38	A 41 H	33/00
39–51	A 41 H	43/00
52–52.6	D D6 C	15/00
53	A 41 C	1/00
54–66	D D6 C	15/00
67	A 41 H	5/02
68, 69	A 41 H	5/00
70	A 41 H	5/00
	D D6 F	73/00
71	A 41 H	5/00
72–74	D D6 C	15/00
75–77	D D6 C	5/00
78–80	A 41 D	1/00
81–84	D D6 C	15/00
85–98	A 41 D	27/22
99	D D5 B	87/00
100	D D5 B	97/00
101	D D5 B	91/04
102–104	D D5 B	85/00
105	A 47 H	3/00
106–109	A 41 H	31/00
111	A 47 G	25/80
		25/90
111, 112	A 47 J	51/06
112	A 47 G	25/90
113	A 47 G	25/80
113–117	A 47 J	51/02
114–117	A 47 G	25/80
118, 119	A 47 G	25/82
	A 47 J	51/02
120	A 41 H	5/00

U.S. Class 224

Package and article carriers

(IPC A 45 F)

U.S. Subclass	IPC Subclass	IPC Notation
.5	A 45 C	
29.5	B 60 R	7/00
		9/00
		11/00
30–35	B 62 J	7/00
		9/00
		11/00
36	B 62 J	7/06
37–42	B 62 J	7/00
		9/00
		11/00
42.01	B 6D R	7/00
		9/00
		11/00
42.03–42.05	B 6D R	9/00
		11/00
42.06	B 62 D	43/00
42.07, 42.08	B 6D R	9/00
		11/00
42.11	B 6D R	9/00
		11/00
42.12, 42.3	B 62 D	43/00
42.31–42.46	B 6D R	7/00
		9/00
		11/00
44.5	E D4 G	21/16
101	A 45 F	65/00
103	A D1 K	
148	A 45 F	
149	A 45 F	
	F 41 C	33/02
150	F 41 C	23/02
		33/00
151	A 45 C	15/00
	A 45 F	4/00
152	A 44 C	5/00
	A 45 F	4/00
153	A 45 F	4/02
154	A 45 F	4/04
155	A 45 F	4/02
156	A 45 F	4/06
		4/08
157	A 45 F	
	A 61 G	1/00
		5/00
158–161	A 61 G	1/00
158	A 61 G	5/00
162	B 65 H	75/40
163	A 44 B	11/00
164, 165	A 44 C	5/00
166–169	A 44 C	5/14
170	A 44 C	5/00
	A 45 C	11/10
171–174	A 44 C	5/00
175	A 44 C	5/00
		5/04
176	A 44 C	5/18
177	A 44 C	5/14
178	A 44 C	5/00
179	A 44 C	5/12
180	A 45 C	11/10
	G D4 B	37/12
181	A 42 B	1/241
	A 45 B	11/04
	A 45 F	3/14
182	A 45 F	5/02
183	A 45 F	5/00
184	A 45 F	3/14
185	A 45 F	5/00
	G 03 B	17/00
186–190	A 45 B	11/02
191	A 45 F	5/00
	B 65 D	
192, 193'	F 41 C	33/02
194	A 45 F	5/02
195	A 45 F	5/00
	F 42 B	39/02
196	B 65 D	83/00
	B 65 G	59/00
197	A D1 K	97/04
		97/06
	B 65 0	25/52
198	F 41 C	33/02
199	B 65 0	39/08
		43/00
200	A D1 K	97/10
201	A 45 F	3/10
202	A 45 F	3/02
203	F 42 B	39/02
204	A 45 F	3/02
205	A 45 C	13/30
	A 45 F	3/02
		3/14
	B 65 D	33/14
206	A 45 F	5/00
	F 41 C	33/02
207	A 45 C	13/30
	A 45 F	3/14
208	A 45 F	3/14
	F 42 B	39/02
209	A 45 F	3/04
210–212	A 45 F	3/08
213–216	A 45 F	3/04
217	A 41 0	19/00
	B 65 D	
218	A 45 C	
	A 45 F	3/14
219	A 45 C	
	A 45 F	3/14
220	A 45 C	3/14
	A 45 F	
221	A 44 C	5/18
	A 45 F	
		3/14
222	A 45 C	13/30
	A 45 F	3/14
223	A 45 F	5/00
	F 42 B	39/02
224	A 45 F	3/00
	B 65 0	
225	A 45 F	3/00
	B 65 D	7/00
226	A 45 F	3/00
	B 65 D	
227	A 45 F	3/00
	F 42 B	39/02
228	A 45 F	3/00
	F 42 B	39/02
229	A 45 C	1/04
230	B 65 D	
	F 41 C	33/02
231	A 45 C	13/36
	B 65 D	25/00
		33/02
232	B 26 B	29/02
	F 41 B	13/04
233	B 26 B	29/02
	F 41 B	13/04
234	A 45 F	5/14
235–237	B 65 D	
238	F 41 C	33/02
239	F 42 B	39/02
240, 241	B 65 D	
242	B 65 D	25/10
243, 244	F 41 C	33/02
245	B 65 D	25/04
		25/10
246	B 65 D	25/10
247	A 45 F	5/00
	B 25 B	5/00
248	A 45 F	5/00
	B 25 B	5/00
249	A 45 F	5/00
250	A 45 F	3/14
251–253	A 45 F	5/00
254	A 45 F	3/14
255, 256	A 45 F	5/00
257, 258	A 45 F	3/14
259, 260	A 45 F	3/04
261–263	A 45 F	3/08
264	A 41 F	15/02
	A 45 F	3/12
265, 266	A 45 F	3/10
267–272	A 45 F	5/00
273	B 6D R	7/00
		9/00
274	B 6D R	9/00
275–282	B 60 R	7/00
309, 310	B 60 R	9/00
309	B 60 R	9/04
311–313	B 60 R	7/00
314–331	B 60 R	9/00
314	B 60 R	9/04

U.S. Class 225

Severing by tearing or breaking

(IPC B 26 F)

U.S. Subclass	IPC Subclass	IPC Notation
1–5	B 26 F	3/00
		3/02
	B 65 H	35/00
		35/10
6–92	B 26 F	3/02
	B 65 H	35/10
93–106	B 26 F	3/00
		3/02
	B 65 H	35/00
		35/10

U.S. Class 226

Advancing material of indeterminate length

(IPC B 65 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 H	16/00
		18/00
		20/00
2	B 65 H	23/00
3	B 65 H	23/02
4	B 65 H	23/22
5	B 65 H	
6	B 65 H	20/00
27	B 65 H	23/04
28–33	B 65 H	23/18
34–36	B 65 H	23/16
37–41	B 65 H	23/18
42	B 65 H	23/22
48	B 65 H	25/32
49–51	B 65 H	
52	G 03 B	1/18
53	B 65 H	20/00
54	G D3 B	1/20
55–61	G D3 B	1/28
62–73	G 03 B	1/22
74, 75	G 03 B	1/30
76–86	G 03 B	1/24
87	G D3 B	1/34
88	B 65 H	23/34
89–92	G D3 B	1/56
93–96	B 65 H	20/00
97	B 65 H	20/00
100–108	B 65 H	
109–117	B 65 H	20/24
118	B 65 H	20/24
	G 11 B	15/56
119	B 65 H	20/24
120–143	B 65 H	20/00
144–151	B 65 H	23/06
152–157	B 65 H	20/00
158–167	B 65 H	20/00
168, 169	B 65 H	20/00
170–173	B 65 H	20/00
174–183	B 65 H	20/00
184	G D3 B	1/46
185–189	B 65 H	20/00
190–194	B 65 H	20/00
195	B 65 H	23/08
196	B 65 H	23/04
	G D3 B	1/48
197, 198	B 65 H	23/32
199	B 65 H	23/32
	G 03 B	1/50
200	B 65 H	27/00

U.S. Class 227

Elongated-member-driving-apparatus

(IPC B 25 C)

U.S. Subclass	IPC Subclass	IPC Notation
1–8	B 21 J	15/28
	B 27 F	7/17
9	B 25 C	1/08
10	B 25 C	1/12
		1/14
11	B 25 C	1/18
12–14	B 25 C	1/00
15–18	A 41 H	37/04
	B 25 C	7/00
	B 42 B	5/02
19	B 31 B	1/00
20	B 31 B	1/68
		3/60
		5/60
		7/60
		9/60
		11/60
		13/60
		15/60
		17/60
		19/60
		21/60
		23/60
		27/60
		29/60
		31/60
		33/60
		35/60
		39/60
		41/60
		57/60
21–24	B 31 B	1/68
25	B 27 F	7/17
26	B 27 F	4/00
27	B 27 F	7/00
28, 29	A 43 B	21/36
		21/52
30	B 27 F	7/00
31–38	A 41 H	37/00
39, 40	B 27 F	9/00
	B 27 M	3/34
	B 31 B	13/60
41, 42	A 43 0	69/00
		71/00
		75/00
	B 27 F	7/02
43, 44	B 27 F	7/02
45	B 27 F	7/02
	B 31 B	13/02
46	B 27 F	7/02
47	B 27 F	7/02
	B 31 B	13/14
48	B 27 F	7/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 227—Con.		
	B 42 B	3/00
		4/00
	B 42 C	1/12
49	B 27 F	7/02
50	B 27 F	7/02
	B 42 D	3/00
51–62	B 21 J	15/10
63	B 25 C	11/00
64	B 21 D	
65	B 27 F	7/00
66	B 27 F	7/00
67–75	A 43 D	69/00
76–78	B 25 C	
	B 27 F	7/00
79, 80	A 43 D	61/00
81	B 27 F	7/17
82–87	B 25 C	5/04
		5/08
88–91	B 25 C	3/04
		5/04
		5/08
92	B 21 D	13/02
		13/04
93–98	A 43 D	69/12
	B 27 F	7/00
99–106	B 25 C	5/00
	B 27 F	7/00
107	B 25 C	3/00
		5/00
	B 27 F	7/00
	B 31 B	1/70
108	B 25 C	5/02
		5/04
		5/06
		5/08
	B 27 F	7/00
	B 31 B	1/70
109–128	B 25 C	5/02
		5/06
	B 27 F	7/00
129	B 25 C	5/00
		5/10
		5/14
	B 27 F	7/00
130	B 25 C	1/04
		5/02
		5/06
131–133	B 25 C	1/00
		5/02
		5/06
	B 27 F	7/00
134	B 25 C	5/02
		5/06
	B 27 F	7/00
135–139	B 25 C	5/02
		5/06
		5/16
	B 27 F	7/00
140–155	B 25 C	7/00
156	B 25 C	
	B 27 F	

U.S. Class 228

Metal fusion-bonding apparatus

(IPC B 23 K)

1	B 23 K	1/06
		5/20
		20/10
2	B 23 K	20/12
		27/00
3.1	B 23 K	20/00
4.1–5.7	B 23 K	37/00
6–12	B 23 K	1/00
		5/00
13	B 23 K	1/20
14	B 23 K	1/00
		5/00
15.1	B 23 K	37/00
16–17	B 23 K	1/20
17.5	B 23 K	37/00
17.7	B 23 K	37/00
18	B 23 K	1/00
		5/00
19–23	B 23 K	1/00
		5/22
24	B 23 K	20/00
25–33	B 23 K	1/00
		5/00
		20/08
34	B 23 K	1/00
		5/22
35	B 23 K	1/00
		5/00
36–38	B 23 K	1/08
39	B 23 K	1/08
		37/06
40	B 23 K	1/08
41–43	B 23 K	1/00
		5/00
		20/14
44.1	B 23 K	37/00
44.5	B 23 K	37/00
45	B 23 K	37/02
46	B 23 K	1/00
		5/22
47, 48	B 23 K	37/04
49	B 23 K	1/14
		37/04
50	B 23 K	5/22
		9/02
51	B 23 K	3/02
52	B 23 K	3/06
53	B 23 K	3/04
54, 55	B 23 K	3/02
56	B 23 K	3/06
		35/14
56.5	B 23 K	5/22
57	B 23 K	1/00
		5/00
		20/26
58	B 23 K	1/12
59	B 23 K	5/22
		37/00
60	B 23 K	1/22
		5/00
101–106	B 23 K	
107–109	B 23 K	20/08
110–111	B 23 K	1/06
		5/20
110, 111	B 23 K	20/10
112–117	B 23 K	20/12
112–124	B 23 K	31/02
118	B 23 K	1/20
		20/18
119	B 23 K	31/00
125	B 23 K	31/00
126–134	B 21 D	39/04
	B 23 K	1/00
135, 140	B 23 K	9/09
		9/225
		9/23
		9/235
135–140	B 23 K	31/00
142–174	B 21 D	39/00
	B 23 K	31/02
175–177	B 23 K	
178–190	B 23 K	31/02
191	B 23 K	
192	B 21 L	3/02
193–197	B 23 K	20/00
		29/00
198	B 23 K	
199–202	B 23 K	29/02
203	B 23 K	1/20
		5/213
		20/24
		31/02
204	B 23 K	31/02
205–211	B 23 K	1/20
		31/02
212–213	B 23 K	5/22
		31/02
214	B 23 K	1/20
		31/02
215	B 23 K	31/02
216	B 23 K	5/22
		31/02
217	B 23 K	1/20
		31/02
218–222	B 23 K	31/02
		35/38
223	B 23 K	1/20
		31/02
224	B 23 K	31/02
		35/36
225–232	B 23 K	31/02
		35/24
233–237	B 23 K	31/02
238–241	B 23 K	31/02
		35/24
242–243	B 23 K	35/24
245–255	B 23 K	35/12
256–262	B 23 K	31/02
		35/12
263.11	B 23 K	1/19
		20/16
		20/22
		35/24
263.12	B 23 K	35/36
263.13–263.21	B 23 K	35/22
264	B 23 K	29/00
265	B 23 K	31/02

U.S. Class 229

Paper receptacles

(IPC B 65 D)

1.5	B 65 D	3/00
2.5	B 65 D	1/00
3.1	B 65 D	5/40
		5/56
		5/62
		25/14
3.5	B 65 D	1/00
		3/00
		5/00
		13/00
4.5	B 65 D	3/00
5.5–5.7	B 65 D	3/10
		5/00
		13/00
5.8	B 65 D	1/00
6	B 65 D	1/00
		5/00
		13/00
		25/00
7	B 65 D	1/08
		3/00
		5/00
		39/00
		41/00
		43/00
		47/00
		83/00
8	B 65 D	1/00
		3/00
		5/00
8.5	A 45 C	1/12
	A 63 H	33/30
9–11	B 65 D	5/38
		13/06
15	B 65 D	1/36
		3/24
		5/48
		81/00
		85/00
16	B 65 D	5/00
17	B 65 D	5/72
18	B 65 D	21/02
19–20	B 65 D	5/38
21	B 65 D	3/04
22	B 65 D	5/00
23	B 65 D	5/35
		13/00
24	B 65 D	5/42
25	B 65 D	5/64
26	B 65 D	5/34
27–29	B 65 D	5/48
30	B 65 D	5/20
31	B 65 D	5/24
32	B 65 D	5/26
33, 34	B 65 D	5/22
35	B 65 D	5/26
36	B 65 D	5/22
37	B 65 D	5/02
38	B 65 D	5/08
39	B 65 D	5/10
40	B 65 D	5/02
41	B 65 D	5/36
42	B 65 D	5/48
43	B 65 D	5/64
		43/00
44	B 65 D	5/66
45	B 65 D	45/00
46	B 65 D	45/32
47	B 65 D	45/16
48	B 65 D	5/42
49–50	B 65 D	5/42
		57/00
		61/00
52	B 65 D	5/46
		25/22
		25/28
67	B 65 D	1/12
		3/04
		5/02
		13/04
68	B 65 D	27/00
69	B 65 D	27/10
70	B 65 D	27/00
71	B 65 D	27/04
72	B 65 D	27/08
73	B 65 D	27/06
74–75	B 65 D	27/00
76	B 65 D	27/12
77	B 42 F	1/00
	B 65 D	27/12
78	B 65 D	27/26
79	B 65 D	27/30
80	B 65 D	27/14
81	B 65 D	27/34
82	B 65 D	27/22
83	B 65 D	27/30
84	B 65 D	27/22
87	B 65 D	65/00
		75/00
87.2	B 65 D	65/04
		75/06
87.5	B 65 D	75/24
		75/34
89–91	B 65 D	65/00
		75/00
		85/00
92	B 65 D	65/00
92.1–92.7	B 65 D	27/00
92.8	B 42 D	15/00
93	B 65 D	3/04

U.S. Class 231

Whips and whip apparatus

(IPC B 65 B)

1	B 68 F	1/00
2–6	B 68 B	11/00

U.S. Class 232

Deposit and collection receptacles

(IPC B 65 D)

1	B 65 D	91/00
2, 3	G 07 C	13/02
4–6	A 47 G	29/00
7–16	G 07 B	15/00
17, 18	B 65 D	91/00
19–23	A 47 G	29/12
24–39	B 65 D	91/00
41–43	A 47 G	29/14
43.1–43.5	B 65 D	91/00
44–63	B 65 G	11/04
64–66	G 07 D	1/00

U.S. Class 234

Selective cutting, e.g., punching

(IPC G 06 K)

1–3	G 06 K	1/00
4–12	G 06 K	15/00
13–21	G 06 K	1/18
22–34	G 06 K	1/04
		1/14
35–37	G 06 K	1/20
38–40	G 06 K	1/02
41–58	G 06 K	1/00
59–83	G 06 K	1/04
		1/14
84–94	G 06 K	1/08
		1/10
95–131	B 26 F	1/04
	G 06 K	1/08
		1/10

U.S. Class 235

Registers

(IPC G 06)

1	G 06	
	G 07	
2, 3	G 06 F	1/106
7–22	G 06 F	1/106
23	G 07 G	1/016
24–28	G 06 F	1/106
29	G 07 B	15/00
30	G 07 B	13/00
31	G 07 B	3/00
32–49	G 07 B	15/00
50–56	G 07 C	13/00
57	G 07 C	13/02
58–60.52	G 06 C	29/00
	G 06 K	
61	G 06	
62–63	G 06 C	23/00
64	B 43 K	29/08
64.3	G 06 C	19/02
64.7	G 06 C	3/00
65–69	G 06 C	27/00
70	G 06 G	1/02
71–83	G 06 C	27/00
84	G 06 G	1/02
85–89	G 06 C	3/00
90	A 63 F	1/18
91	G 06 M	1/00
93	G 07 C	9/00
94	B 67 D	5/22
95–97	G 01 C	22/00
98	B 61 L	1/16
	G 06 M	7/00
99–101	G 06 F	1/106
102	B 41 J	9/24
103–104	G 06 M	
105	G 01 C	22/00
106–122	G 06 C	27/00
123	A 44 C	23/00
	A 63 B	71/06
	A 63 F	1/18
	G 06 C	1/00
124	G 01 D	13/22
125	G 01 D	13/06
127	A 63 B	71/06
	A 63 D	15/20
	A 63 F	1/18
128	G 07 G	3/00
130, 131	G 06 C	25/00
132	G 06 F	15/18
133–143	G 06 C	7/10
		9/00
		15/26
144	G 06 C	15/42
145, 146	G 06 C	7/02
		25/00
	G 06 D	
200–201	G 06 D	
	G 06 M	1/12
310	G 06 F	5/00

U.S. Class 235—Con.

U.S. Subclass	IPC Subclass	IPC Notation
311	G 06 F	5/006
375	G 06 F	15/20
376	G 06 F	15/46
377	G 06 K	7/10
378	G 06 K	15/00
379	G 06 F	15/30
380	G 06 K	5/00
381	G 06 F	7/08
382	G 06 K	5/00
382.5	G 06 K	7/01
383	G 06 K	15/00
384	G 07 B	15/02
385	G 06 F	15/24
		15/26
386	G 06 F	15/30
400–402	G 06 F	15/58
	G D6 G	7/80
403	G 06 F	15/50
	G 06 G	7/80
404–418	G 06 F	15/58
	G 06 G	7/80
419	G 06 C	15/00
	G 06 F	3/08
420	G 06 C	21/00
420, 421	G 06 F	7/52
420	G 06 F	9/00
421, 422	G 06 C	15/08
	G 06 F	7/39
		7/44
423	G 05 F	7/50
	G 06 C	15/04
	G 06 F	7/42
424	G 06 C	9/00
425	G 06 F	7/08
426	G 06 F	7/40
427, 428	G 06 F	7/46
429	G 06 F	5/006
430	G 06 C	9/60
431	G 06 F	7/02
		11/10
432	G 06 F	15/12
	G 06 K	3/12
433	G 06 C	11/10
		11/12
434	G 06 C	11/08
	G 06 F	15/12
435, 436	G 06 K	7/00
437	G 06 K	5/00
438–440	G 06 K	7/00
441–443	G 06 K	7/06
444–448	G 06 K	7/04
449–451	G 06 K	7/08
452	G 06 K	7/02
453	G 06 K	7/00
454	G 06 K	7/10
		7/14
455–464	G 06 K	7/10
465	G 06 K	7/12
466–468	G 06 K	7/10
469	G D6 K	7/12
470–473	G D6 K	7/10
474	G 06 K	7/016
475–477	G 06 K	13/00
478	G 06 K	13/107
479	G 06 K	13/04
480	G 06 K	13/08
481	G 06 K	13/077
		13/30
482	G 06 K	13/00
483, 484	G 06 K	13/06
		13/24
485	G 06 K	13/063
		13/067
		13/24
486	G 06 K	7/00
487	G 06 K	19/00
488	G 06 K	19/02
489	G 06 K	21/00
490–494	G 06 K	19/06
495	G 06 K	21/06

U.S. Class 236

Automatic temperature and humidity regulation

(IPC G 05 D)

U.S. Subclass	IPC Subclass	IPC Notation
	G 05 D	23/12
1	F 23 N	
	G 05 D	23/00
2–5	A 01 K	41/00
3	A D1 G	23/10
6	A 01 K	31/18
7	D D6 F	75/00
8	F 23 N	3/00
	G 05 D	23/00
9–11	F 23 N	
12.1	G D5 D	23/13
12.11	G 05 D	23/185
12.13	G 05 D	23/12
13	G D5 D	23/00
14	F 23 N	1/08
15	F 23 N	1/00
	G D5 D	23/00
17	F 2B B	11/00
	F 2B F	27/00
	G D5 D	15/00
18	F 2B F	27/00
	G 05 D	23/12
19	F 2B F	27/00
	G 05 D	23/08
20	F 23 N	1/08
	G 05 D	15/00
		23/00
21	F 22 B	37/42
	F 23 N	5/24
22–25	F 22 B	35/00
	F 28 F	27/00
26–28	F 22 B	35/00
	G 05 D	15/00
29	F 22 B	35/00
	G 05 D	15/00
30	F 22 B	35/00
	G D5 D	15/00
31	F 22 B	35/00
	G 05 D	15/00
32	F 22 B	35/00
	G 05 D	23/12
33	F 22 B	35/00
	G 05 D	23/02
34–35	F 01 P	7/02
35.2–35.3	F 01 P	7/10
36, 37	F 28 F	27/00
38	F 24 F	11/04
	F 2B F	27/00
39	F 16 T	1/00
	F 24 F	11/00
40	F 24 F	11/00
41	F 16 T	1/00
	F 24 F	11/00
42, 43	F 24 F	11/00
44	B 01 F	3/02
	G D5 D	21/00
45	F 23 N	3/00
46	F 23 N	5/20
	G 05 D	23/00
47	G 05 D	23/00
48	G 05 D	23/10
49	F 24 F	7/00
50, 51	G 05 D	23/00
52	G 05 D	15/00
53, 54	F 16 T	1/02
55	F 16 T	1/20
56–58	F 16 T	1/02
59	F 16 T	1/04
		1/08
60	F 16 T	1/06
61	F 16 K	24/00
	F 16 T	1/45
62–66	F 16 K	24/00
	F 16 T	1/45
67	G 05 D	15/00
		23/00
68	G D5 D	15/00
		23/00
69	G D5 D	15/00
		23/22
70	G 05 D	23/22
71, 72	G 05 D	15/00
		23/00
73	G 05 D	15/00
		23/00
74–78	G D5 D	15/00
79–84	G D5 D	23/00
85	G D5 D	15/00
86–91	G 05 D	23/00
92	G 05 D	27/00
93, 94	G 05 D	23/00
95	F 23 N	1/00
		5/06
96	F 23 N	1/00
		5/04
97	G 05 D	23/00
98	G 05 D	23/00
99, 100	G D5 D	23/12
101–103	G 05 D	23/02
104	F 23 N	1/00
		5/02

U.S. Class 237

Heating systems

(IPC F 24 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 24 D	
2	G D5 D	23/00
3, 4	A 01 K	31/20
		41/02
5, 6	B 6D H	1/00
	B 61 D	27/00
7	F 24 H	3/06
8	F 24 D	3/00
9, 10	F 24 D	1/00
11	F 24 D	5/00
12	F 24 O	
12.1	B 6D H	1/02
	F 24 D	1/04
		5/00
12.2, 12.3	B 6D H	1/02
12.4	B 61 D	27/00
12.5, 12.6	B 60 H	1/02
	B 61 D	27/00
12.7	B 60 H	1/06
	B 61 D	27/00
12.8	B 61 D	27/00
13	F 24 D	
14, 15	A 01 K	31/20
		41/02
16–18	F 24 H	3/06
19	F 24 D	3/08
	F 24 H	1/22
28	B 6D H	1/00
	B 61 D	27/00
29–33	B 6D H	1/22
34–36	B 6D H	1/22
	F 24 D	3/00
37–39	B 6D H	1/22
	B 61 D	27/00
40, 41	B 6D H	1/22
	F 24 D	1/00
42, 43	B 6D H	1/22
	B 61 D	27/00
44	B 60 H	1/20
	F 24 O	11/00
45	B 60 H	1/22
46–49	F 24 F	7/00
50	F 24 O	5/00
51, 52	F 24 B	1/18
		7/00
	F 24 D	5/00
53	F 24 D	5/00
54, 55	F 24 B	7/00
56–62	F 24 D	3/00
63, 64	F 24 O	3/02
65	F 24 O	3/00
66	F 24 D	3/10
67, 68	F 24 D	1/00
69	F 24 D	5/10
		19/02
	F 24 H	9/06
70–74	F 24 H	3/00
75	F 24 H	7/00
76, 77	F 24 H	3/00
78	F 24 F	3/14
		5/00
79	F 24 O	19/06
80	E 03 B	7/10
81	F 24 D	

U.S. Class 238

Railways, surface track

(IPC E 01 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 01 B	
2–9	E D1 B	1/00
		21/00
		25/28
	E 01 C	9/00
10–14	E 01 B	23/00
14.05–14.15	B 60 M	
	E 01 B	11/54
15, 16	E 01 B	5/00
17–23	E D1 B	5/18
24–26	E 01 B	3/12
		3/22
		3/38
27, 28	E 01 B	3/00
		7/22
		29/06
29–108	E 01 B	3/00
		9/14
		21/04
		31/20
109–120	E 01 B	3/14
		3/24
		3/40
121–150	E D1 B	5/00
		13/00
151–263	E 01 B	11/00
264–286	E 01 B	9/38
287–309	E 01 B	3/12
		3/22
		3/38
		3/48
310–378	E 01 B	9/00
		13/00
		21/04
		29/24
379–381	E D1 B	15/00
382	E D1 B	19/00

U.S. Class 239

Fluid sprinkling, spraying and diffusing

(IPC B 05 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 05 B	17/00
	B 44 D	1/08
2	A 01 G	15/00
	E D1 H	13/00
3	A 01 G	23/10
	B D5 B	5/02
4	B D5 B	17/04
5	F D2 D	1/06
		7/00
6	A 61 L	9/04
7	B 05 B	17/04
8	A 62 C	1/12
9, 10	A 62 C	1/12
11, 12	B 05 B	17/04
13	B D5 B	1/24
		17/04
14	A D1 G	15/00
	E D1 H	13/00
16	E 03 B	9/20
17	B 05 B	17/08
18–20	F 21 P	7/00
21–23	B 05 B	17/08
24–32	B 05 B	12/14
	E D3 B	9/20
33	A 47 G	21/18
	A 61 J	15/00
34–60	A 24 F	25/00
	A 61 L	9/04
61, 62	B 05 B	7/00
63–65	A 01 G	25/00
		27/00
	B 05 B	12/08
		17/04
66	A 01 G	25/02
67–70	A D1 G	27/00
71–73	B 67 O	5/08
74	B 67 O	5/38
75	A 62 C	37/00
		37/34
	B D5 B	12/10
76	B 05 B	15/00
77–78	B 05 B	9/06
79–85	B D5 B	1/24
	B 05 C	5/04
86	B 29 C	45/20
	F D2 M	55/00
87	B 29 C	45/20
	F D2 M	49/02
88–92	F 02 M	47/02
93–95	F 02 M	45/10
96	F 02 M	41/16
97, 98	B 05 B	3/00
99	B 05 B	1/08
100	B D5 B	9/06
101	B 05 B	1/08
102	B D5 B	3/14
103, 104	B 05 B	1/28
105	B 05 B	1/28
		15/04
106	B 05 B	15/02
	F 23 O	11/34
		11/38
		14/50
107–119	B 05 B	15/02
	F 23 O	11/34
		11/38
		14/50
120–122	B 05 B	1/28
123	B D5 B	15/02
	F 23 D	11/38
		11/50
		14/50
124–127	B 05 B	9/00
127.1, 127.3	B 64 O	33/04
128	B 05 B	1/24
		7/16
	B 44 O	3/42
	F 23 O	11/44
		14/66
129–132.1	B D5 B	1/24
132.3, 132.5	B D5 B	15/00
133, 134	B D5 B	1/24
135, 136	B 05 B	1/24
	B 44 O	3/42
137, 138	B 05 B	1/24
139	B D5 B	1/24
140–144	B D5 B	9/00
145	A 01 G	27/00
146	A D1 G	25/09
	B 05 B	9/02
147–149	B 05 B	9/00
150	B 05 B	1/28
151	B 05 B	1/28
		15/04
152–154	A 62 C	15/00
	B 05 B	9/08
155–158	B 05 B	9/06
159	B D5 B	1/20
160–162	B D5 B	3/02
		3/14
163–169	B 05 B	1/20
170	B 05 B	1/16
171	B 64 O	1/18
172	A 01 G	25/09
	E 01 C	19/16
	E 01 H	3/02
173, 174	E 01 H	11/00
175	B D5 B	9/00
176	B D5 B	1/20
177	B 05 B	3/00
178	B 05 B	3/18
179	B 05 B	3/00
180, 181	B 05 B	3/18
182, 183	B 05 B	3/00

U.S. Class 239—Con.

U.S. Subclass	IPC Subclass	IPC Notation
184–187	B 05 B	3/18
188–190	B 05 B	3/00
191, 192	B 05 B	3/18
193, 194	B 05 B	1/36
195–199	B 65 H	75/00
200, 201	A 01 G	25/06
	B 05 B	15/06
202	E 01 H	3/04
203–205	B 05 B	15/10
206–208	B 05 B	3/00
		15/10
209	B 05 B	15/06
210	B 05 B	3/00
		15/06
211	B 05 B	1/00
214–218.5	B 05 B	3/02
	F 23 D	11/04
219–221	F 23 D	11/04
222–222.15	B 05 B	3/02
	F 23 D	11/04
222.17–222.21	B 05 B	3/04
223, 224	B 05 B	3/10
	B 44 D	5/10
	F 23 D	11/04
225–229	B 05 B	3/00
230	B 05 B	3/02
		3/14
231–236	B 05 B	3/08
237, 238	B 05 B	3/04
239	B 05 B	3/16
240, 241	B 05 B	3/04
242	B 05 B	3/16
243–249	B 05 B	3/00
251–262	B 05 B	3/06
263	B 05 B	3/04
		3/16
264, 265	B 05 B	3/00
265.11	B 63 H	11/00
	B 64 D	33/04
265.13, 265.15	B 64 D	33/04
265.17	B 63 H	25/46
265.19	B 63 H	11/10
	B 64 C	15/00
265.23	B 63 H	25/46
265.37	B 64 C	9/38
266–269	A 01 G	25/02
	B 05 B	1/20
270	A 62 C	23/06
271, 272	A 62 C	
273	B 05 B	15/06
274	A 62 C	31/28
	B 05 B	15/00
	B 62 D	137/50
	B 64 D	15/10
275	B 05 B	15/06
276	A 62 C	31/22
279	B 05 B	15/06
280	A 62 C	31/24
280.5–283	B 05 B	15/06
284	B 05 B	1/10
	B 60 S	1/46
285	B 05 B	15/06
286, 287	B 05 B	9/02
288–288.5	B 05 B	1/28
		15/04
289	B 05 B	15/00
		17/00
290–301	B 05 B	1/28
302	A 62 C	13/52
		35/18
	B 05 B	9/03
303, 304	A 62 C	13/60
		31/30
305	A 62 C	31/00
306, 307	A 62 C	13/60
		31/30
308	A 62 C	13/32
		13/34
309	A 62 C	13/40
310	A 62 C	5/02
	B 05 B	7/26
311	A 62 C	5/04
312	B 05 B	9/00
313	B 05 B	7/32
314–317	B 05 B	7/26
		7/28
318	B 05 B	7/30
319	B 05 B	9/00
320–324	B 05 B	9/04
		9/047
		11/02
325	B 05 B	7/14
326	B 05 B	9/00
327	B 65 D	1/32
328	B 05 B	11/04
	B 27 C	27/00
329, 330	A 62 C	11/00
331	A 62 C	11/02
	B 05 B	9/04
332	B 05 B	9/04
333, 334	A 62 C	11/02
	B 05 B	9/043
335	A 62 C	11/06
336	B 05 B	7/14
337	B 05 B	7/32
	F 23 D	11/24
		14/28
		14/34
338	A 61 M	11/06
339	B 05 B	7/04
340	A 62 C	13/48
	B 05 B	7/30
341–352	B 05 B	7/30
353	B 05 B	7/30
	F 23 D	14/60
354	B 05 B	7/30
355–363	A 62 C	11/04
	B 05 B	11/06
364–371	A 61 M	11/02
372	A 62 C	13/26
373	A 61 M	11/02
	B 05 B	9/04
374–378	A 01 G	25/14
379	B 05 B	9/00
380	B 05 B	1/34
381	B 05 B	3/04
		3/16
382	B 05 B	3/16
383, 389	B 05 B	1/34
390–397	A 62 C	31/02
397.5	B 05 B	15/00
398	A 62 C	5/16
		31/30
	B 05 B	7/04
	F 23 D	11/36
		11/40
		14/62
399–406	B 05 B	7/10
407–413	B 05 B	7/12
414, 415	F 23 D	11/46
		14/60
416–417.5	B 05 B	7/12
418	F 23 D	11/10
		11/40
		14/62
		15/00
419–420	F 23 D	11/16
		11/40
		14/62
		15/00
421	F 23 D	11/10
		11/40
		14/62
		15/00
422	F 23 D	11/16
423	F 23 D	11/10
424–425.5	B 05 B	7/06
426	B 05 B	7/08
427–428	B 05 B	7/06
428.5	E 03 C	1/08
429–432	B 05 B	7/06
433–434.5	B 05 B	7/04
435	B 05 B	15/00
436–449	A 62 C	31/00
450	B 05 B	15/00
451–460	B 05 B	1/32
461	B 05 B	1/26
		1/34
462	B 05 B	1/14
463–497	B 05 B	1/34
498–524	B 05 B	1/26
525, 526	B 05 B	7/02
		9/01
527, 528	B 05 B	7/02
	F 23 D	11/46
		14/60
529, 530	B 05 B	9/08
531, 532	B 05 B	15/06
533.1	B 05 B	1/30
		1/34
533.11	F 02 M	61/10
533.12	F 02 M	61/00
533.13–533.15	B 05 B	1/30
		1/34
533.2	F 02 M	59/00
		61/00
		63/00
533.3	F 02 M	39/00
		41/00
		43/00
		47/00
		55/00
		59/00
		61/00
		63/00
533.4	F 02 M	45/00
		61/06
533.5	F 02 M	45/00
		59/20
533.6	F 02 M	59/20
		61/16
533.7	F 02 M	61/08
533.8	F 02 M	47/02
533.9	F 02 M	61/20
536	B 05 B	1/14
537–541	B 05 B	1/32
542	B 05 B	15/00
543	B 05 B	1/26
	F 23 D	11/36
544, 545	B 05 B	1/26
546, 547	B 05 B	15/00
548	A 62 C	31/10
		37/08
	B 05 B	1/14
	E 21 F	5/04
	F 23 D	11/38
		14/48
549	B 05 B	7/08
550–553	B 05 B	1/14
553.3	B 05 B	1/14
	F 23 D	14/68
553.5–561	B 05 B	1/14
562–564	A 62 C	37/20
565	B 05 B	1/14
566	B 05 B	1/20
567	B 05 B	1/18
568	B 05 B	1/14
569–586	B 05 B	1/30
587, 588	B 05 B	15/08
589	A 62 C	31/02
	B 05 B	1/00
	F 23 D	11/38
		14/48
590	B 05 B	1/14
	F 23 D	14/68
590.3	B 05 B	1/14
	F 23 D	14/68
590.5	B 05 B	1/14
591	B 05 B	1/00
592–595	B 05 B	1/04
596–600	B 05 B	1/00
601	A 62 C	31/02
		31/04
602	B 05 B	1/00
650, 651	A 01 C	3/06
		7/08
		15/00
	E 01 C	19/20
652	A 01 C	7/02
		15/02
653	A 01 C	3/06
		7/08
		15/00
654, 655	A 01 C	3/06
		15/04
656	A 01 C	7/06
657–661	A 01 C	3/06
		7/00
		15/00
		19/00
	E 01 C	19/20
662	A 01 C	23/00
663, 664	A 01 C	3/06
		7/00
		15/00
		19/00
	E 01 C	19/20
665–669	A 01 C	17/00
		19/00
670	A 01 C	19/00
	E 01 C	19/20
671–680	A 01 C	19/00
	E 01 C	19/20
681–688	A 01 C	17/00
689	A 01 C	3/06
	E 01 C	19/20
690–708	B 05 B	5/00
	F 23 D	11/32
709–721	A 01 G	25/02
		25/09
	A 01 M	7/00
	B 05 B	3/00
		3/12
		3/18
		15/06
		15/10
	E 01 H	3/02

U.S. Class 241

Solid material comminution or disintegration

(IPC B 02 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 02 C	19/00
2	A 47 J	19/06
	B 02 C	11/00
2–4	B 09 B	3/00
3	B 01 J	
	B 02 C	19/12
4	B 27 J	
	B 27 K	7/00
		9/00
	B 27 L	11/00
	B 31 F	7/00
5	B 02 C	19/06
6	B 02 B	5/00
	B 02 C	7/18
		9/00
		11/00
7	B 02 B	5/00
	B 02 C	7/18
		9/00
		11/00
8	B 02 B	1/00
		3/12
		5/00
	B 02 C	7/18
		9/00
		11/00
9	B 02 B	
9–11	B 02 B	/00
12	B 02 B	1/04
		3/12
		5/00
	B 02 C	7/18
		9/00
		11/00
13	B 02 B	5/02
	B 02 C	7/18
		9/00
		11/00
14	B 27 L	11/00
	B 31 F	7/00
15	B 02 C	1/00
		23/18
16	B 01 B	
	B 02 C	1/00
	B 04 B	15/04
17–21	B 02 C	1/00
		11/08
		21/00
		23/24
		23/26
		23/28
		23/30
22	B 02 B	5/02
	B 02 C	19/00
23	B 02 C	11/08
		21/00
24	B 02 C	7/00
		17/02
		23/08
	B 07 B	13/00
	B 07 C	7/00
25	B 02 B	5/02
	B 02 C	9/04
		19/00
	B 03 B	7/00
26	B 02 C	17/00
27	B 02 C	
28	B 27 J	
	B 27 K	7/00
		9/00
	B 27 L	11/00
29	B 02 B	5/02
	B 03 B	7/00
30	B 02 B	
	B 02 C	
31	B 02 C	11/06
32, 32.5	B 02 C	19/12
		23/00
33–37	B 02 C	4/32
		7/14
		9/04
		11/08
		23/00
37.5	A 01 F	21/00
	B 02 C	23/00
	B 23 Q	11/00
38–59	B 02 B	1/00
		5/02
	B 02 C	11/08
		21/00
		23/18
		23/24
		23/26
		23/28
		23/30
		23/32
		23/34
		23/36
		23/38
		23/40
	B 07 B	3/00
		7/00
		9/00
		11/00
60	B 02 B	1/00
		5/02
	B 02 C	11/08
		21/00
		23/20
	B 07 B	3/00
		7/00
		9/00
		11/00
61	B 02 B	1/00
		5/02
	B 02 C	11/08
		21/00
		23/22
	B 07 B	3/00
		7/00
		9/00
		11/00
62	B 02 B	1/00
		5/02
	B 02 C	11/08
		21/00
	B 07 B	3/00
		7/00
		9/00
		11/00
63, 64	B 02 C	7/14
		9/04
		11/08

U.S. Class 241—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		23/00
65–67	B 02 B	1/08
		5/02
	B 02 C	11/08
		21/00
68	B 02 C	13/00
		17/02
		23/08
	B 07 B	13/00
	B 07 C	7/00
69	B 02 C	9/04
		13/00
		17/02
		23/16
	B 07 B	13/00
	B 07 C	7/00
70–76	B 02 C	9/04
		13/00
		17/02
	B 07 B	13/00
	B 07 C	7/00
77	B 02 C	9/04
		13/00
		17/02
		23/14
	B 07 B	13/00
	B 07 C	7/00
78	B 02 C	9/04
		13/00
		17/02
	B 07 B	13/00
	B 07 C	7/00
79	B 02 C	13/00
		17/02
		23/10
	B 07 B	13/00
	B 07 C	7/00
80	B 02 C	13/00
		17/02
		23/12
	B 07 B	13/00
	B 07 C	7/00
81	B 02 C	13/00
		17/02
	B 07 B	13/00
	B 07 C	7/00
82	B 02 C	19/00
		21/00
		23/00
82.1	A 01 F	7/40
	B 02 C	17/16
82.2	A 01 F	35/22
	A 47 J	17/14
	B 02 C	17/16
82.3	A 01 F	35/22
	A 47 J	19/00
82.4–82.7	A 01 F	7/40
	A 23 K	1/14
		3/00
	A 47 J	17/14
83	B 02 C	17/02
	B 07 B	13/00
84.1	B 02 C	17/02
	B 07 B	13/00
84.2, 84.3	A 01 F	35/22
	A 47 J	19/00
	B 02 C	17/02
	B 07 B	13/00
86.1, 86.2	B 02 C	17/02
	B 07 B	13/00
87.1	B 07 B	13/00
		13/00
88.1–88.3	B 02 C	17/02
	B 07 B	13/00
89.1, 89.2	B 02 C	17/02
89.1–89.2	B 07 B	13/00
89.3	A 01 F	35/22
	A 41 J	19/00
	B 02 C	17/02
	B 07 B	13/00
89.4	A 01 F	7/40
	A 23 K	1/14
		3/00
	A 47 J	17/14
91–95	B 02 C	17/02
	B 07 B	13/00
96, 97	B 02 C	23/00
98	B 02 C	17/16
99	B 02 C	19/12
100, 100.5	B 02 B	7/02
	B 02 C	19/00
		23/00
101	B 02 B	5/02
	B 02 C	9/04
		19/00
	B 03 B	7/00
101.1	A 01 0	55/00
	B 02 C	19/00
	B 23 0	19/00
		45/00
101.2	B 02 B	5/02
	B 02 C	1/10
		7/24
		9/04
		19/00
	B 03 B	7/00
101.3	B 02 B	5/02
	B 02 C	5/08
		7/00
		9/04
101.4	A 01 F	29/00
		33/00
	B 02 B	5/02
	B 02 C	19/00
	B 03 B	7/00
101.5	A 01 C	9/00
	A 01 F	35/00
	B 02 B	5/02
	B 02 C	9/04
		19/00
101.6	B 02 B	5/02
	B 02 C	9/04
		19/00
	B 03 B	7/00
101.7	A 01 0	55/00
	A 47 J	5/00
	B 02 B	5/02
	B 02 C	9/04
		19/00
	B 03 B	7/00
102	B 02 C	17/20
		19/12
103–105	B 02 C	15/00
106	B 02 C	15/00
		19/10
107	B 02 C	9/04
		15/00
		19/00
108	B 02 C	9/04
		15/00
		19/00
109	B 02 C	9/04
		15/00
		19/00
		23/02
110–112	B 02 C	9/04
		15/00
		15/08
		15/10
		19/00
113	B 02 C	1/08
		9/04
		15/00
		19/00
114	B 02 C	9/04
		13/20
		15/00
115–122	B 02 C	9/04
		15/00
		19/00
123	B 02 C	9/04
		15/00
		19/00
124	B 02 C	9/04
		15/00
		19/00
		23/02
125–134	B 02 C	9/04
		15/00
		19/00
135, 136	B 02 C	9/04
		15/00
		19/00
		23/02
137	B 02 C	9/04
		15/00
		17/00
		19/00
138	B 02 C	9/04
		13/00
		15/00
		19/00
139	B 02 C	9/04
		15/00
		19/00
140, 141	B 02 C	9/04
		15/00
		19/00
142	B 02 C	9/04
		13/02
		15/00
		15/10
		19/00
143, 144	B 02 C	9/04
		13/02
		15/00
		19/00
145	B 02 C	7/00
		7/14
		9/04
		13/02
		15/00
		19/00
146	B 02 C	9/04
		13/10
		15/00
		19/00
147	B 02 C	1/00
		9/04
		15/00
		19/00
148	B 02 C	1/00
		9/04
		15/00
149	B 02 C	1/00
		9/00
		9/04
		15/00
		19/00
150	B 02 C	1/00
		9/04
		15/00
		19/00
151	B 02 C	1/00
		9/04
		15/00
		15/10
		19/00
152	B 02 C	9/04
		15/00
		19/00
153	B 02 C	9/04
		13/00
		15/00
		17/00
		19/00
154	B 02 C	9/04
		13/00
		15/00
		17/00
		19/00
155	B 02 C	9/04
		15/00
		15/10
		19/00
156	B 02 C	9/04
		15/00
		19/00
157	B 02 C	9/04
		15/00
		19/00
158–160	B 02 C	9/04
		13/02
		15/00
		19/00
161–163	B 02 C	9/04
		18/10
		15/00
		19/00
164	B 02 C	1/00
		9/04
		13/10
		15/00
		19/00
165	B 02 C	1/00
		9/04
		13/10
		15/00
		15/10
		19/00
166	A 47 J	17/18
167	A 47 J	17/18
168, 169	A 47 J	17/00
		43/00
169.1	A 01 0	55/00
	A 01 F	33/00
	A 47 J	5/00
		13/00
169.2	A 01 F	33/00
	A 47 J	17/12
		19/04
	B 26 B	25/00
		27/00
170	B 02 C	17/00
171–174	B 02 C	17/00
		23/02
175	B 02 C	17/08
176	B 02 C	17/00
177–184	B 02 C	17/14
185	B 02 C	13/00
186	B 02 C	13/00
		23/02
186.1	A 01 F	29/00
	B 02 C	13/00
		23/02
186.2, 186.3	B 02 C	13/00
		23/02
186.4	A 01 0	55/00
	A 47 J	5/00
	B 02 C	13/00
		23/00
		23/02
187–190	B 02 C	
191	B 02 C	13/00
192	B 02 C	7/14
		7/26
		13/00
193–197	B 02 C	13/00
198	B 02 C	
199	B 02 C	19/08
199.1	A 47 J	1/00
	B 02 C	19/08
199.11	B 02 C	19/08
199.12	A 22 C	1/00
	A 47 J	1/00
	B 02 C	19/08
199.2–199.4	A 47 J	1/00
199.5	A 47 J	1/00
	B 02 C	19/08
199.6	A 47 J	1/00
199.7	B 02 C	19/08
199.8	A 47 J	1/00
199.9	A 47 J	1/00
	B 02 C	19/08
200	B 02 C	11/02
		19/00
		21/00
		23/00
201	B 02 C	15/10
		17/08
202	B 02 C	15/10
		17/08
		23/02
203	B 02 C	7/00
		13/00
		15/00
		17/00
204	B 02 C	13/02
		13/10
		15/10
205	B 02 C	1/08
		15/10
		17/08
206	B 02 C	3/02
		5/02
		15/10
		17/08
207–218	B 02 C	15/10
		17/08
219	B 02 C	13/16
		15/10
		17/08
220	B 02 C	
221	B 02 C	1/08
222	B 02 C	1/08
		23/02
223	B 02 C	1/08
		23/00
224–225	B 02 C	1/08
		23/02
226	B 02 C	1/08
		9/04
		19/12
		23/00
227–229	B 02 C	1/08
		15/00
230–233	B 02 C	1/08
		7/14
		7/26
		15/00
234	B 02 C	1/08
		7/14
		7/26
235, 236	B 02 C	1/08
		7/04
		13/20
237	B 02 C	1/08
238–241	B 02 C	1/08
		7/00
		7/14
242, 243	B 02 C	1/08
		7/00
		7/04
		7/14
		13/00
244	B 02 C	
245–249	B 02 C	23/02
250, 251	B 02 C	1/08
		15/10
252	B 02 C	1/08
		7/10
		15/10
253	B 02 C	1/08
		7/00
		7/08
		15/10
254	B 02 C	1/08
		7/10
		15/10
257	B 02 C	7/00
		7/08
258, 259	B 02 C	7/00
		7/08
		7/14
259.1–259.3	B 02 C	5/08
		7/00
		7/14
		7/20
		7/26
260	B 02 C	7/04
		13/20
261.1, 261.2	B 02 C	7/04
		7/06
		7/20
		13/20
261.3	B 02 C	7/04
		13/20
262, 263	B 02 C	1/00
		19/00
		21/00
		23/00
264	B 02 C	17/14
265	B 02 C	17/14
		23/02
266	B 02 C	1/08

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 241—Con.		
267–269	B 02 C	1/06
		1/08
270–273	B 02 C	1/08
		19/04
273.1	A 47 J	1/00
		17/00
		17/12
		19/00
273.2	A 01 F	35/12
	B 02 C	11/04
		23/02
273.3	A 47 J	1/00
		17/00
273.4	A 01 F	35/12
	A 47 J	1/00
		13/00
		19/00
274	B 02 C	7/00
		7/12
		17/20
		19/12
275–276	B 02 C	1/10
		1/12
		7/00
		7/12
		17/20
		19/12
		23/02
277	B 02 C	1/08
		7/00
		7/12
		13/28
		17/20
278, 279	B 02 C	1/08
		7/00
		7/12
		13/28
		15/06
		15/08
		15/10
		17/20
280	B 02 C	1/08
		7/00
		7/12
		13/28
		17/20
		23/02
281	B 02 C	1/08
		7/00
		7/12
		13/28
		17/20
		23/00
282	B 02 C	1/08
		7/00
		7/12
		13/28
		17/20
		23/02
282.1	B 02 C	1/08
		3/18
		5/06
		17/20
282.2	A 47 J	1/00
		17/00
	B 02 C	1/08
		5/06
		9/02
		17/20
283	B 02 C	1/00
		19/00
		21/00
		23/00
284	B 02 C	17/00
285	B 01 L	9/00
	B 02 C	23/00
	B 24 B	41/00
	F 16 M	
	F 16 S	
286–290	B 01 L	9/00
	B 02 C	7/00
		7/14
		23/00
	B 24 B	41/00
	F 16 M	
	F 16 S	
291	B 02 C	1/10
		7/00
		7/12
		13/28
		17/20
292	B 02 C	1/10
		19/00
		23/00
292.1	A 01 O	55/00
	B 02 C	11/04
		23/02
293–295	B 02 C	1/10
		7/12
		7/24
		13/28
		15/16
		17/20
296	B 02 C	7/00
296–298	B 02 C	1/10
		7/12
		13/28
		17/20
299	B 02 C	1/10
		7/00
		7/12
		13/28
		15/06
		15/08
		15/10
		17/20
300	B 02 C	1/10
		7/04
		7/12
		13/28
		17/20
300.1	B 02 C	1/10
		3/18
		5/20
		13/28
301	B 02 C	

U.S. Class 242

Winding and reeling

(IPC B 65 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 65 H	
1.1	B 65 H	81/06
2–3	B 65 H	54/64
4–6	B 65 H	81/02
7.01, 7.02	B 21 F	17/00
		45/00
	B 65 H	81/00
7.03	H 01 B	13/00
	H 01 F	11/04
		11/08
	H 02 K	15/04
7.04, 7.05	H 02 K	15/04
7.06	H 01 B	13/00
7.07–7.16	H 01 F	11/04
7.17, 7.18	H 01 B	13/00
7.19–7.22	B 21 F	17/00
		45/00
	B 65 H	81/00
7.23	B 21 C	
	B 65 H	81/00
16–17	B 65 H	54/02
18	B 65 H	54/00
		67/044
18.1	B 65 H	54/38
19	B 65 H	54/71
		75/32
20	B 65 H	54/00
21	B 65 H	75/32
22	B 65 H	63/00
23–26	B 65 H	54/00
26.1	B 65 H	1/02
26.2–26.4	B 65 H	54/28
26.41–26.44	B 65 H	54/34
26.45, 26.5	B 65 H	54/28
27, 27.1	B 65 H	54/34
28	B 65 H	63/00
29	B 65 H	63/02
30	B 65 H	63/04
31	B 65 H	54/28
32	B 65 H	54/34
34	O 01 H	1/36
35	B 65 H	49/26
35.5	B 65 H	54/02
35.6	B 65 H	69/04
36	B 65 H	63/00
37–38	B 65 H	63/02
39, 40	B 65 H	63/04
41	B 65 H	67/02
42	B 65 H	54/00
43, 43.1	B 65 H	54/28
43.2	B 65 H	59/00
45	B 65 H	59/00
46	B 65 H	67/04
	O 01 H	9/00
46.2	B 65 H	75/30
		79/00
	O 01 H	3/16
46.21	B 65 H	75/30
		79/00
	O 01 H	3/16
46.3–46.8	B 65 H	75/30
		79/00
	O 01 H	3/16
47–47.03	B 65 H	51/00
47.04–47.07	B 65 H	51/24
47.08–47.11	B 65 H	51/08
47.12–47.13	B 65 H	51/20
47.5	B 65 H	51/20
48	B 65 H	75/32
49	B 65 H	63/00
50	B 65 H	54/68
51, 52	B 65 H	54/00
53	B 65 H	54/56
54	B 65 H	75/00
54.1	G 11 B	15/32
54.4	B 65 H	75/16
	O 01 H	13/04
55, 55.1	B 65 H	16/00
55–55.1	B 65 H	18/00
		20/00
55, 55.1	B 65 H	75/02
55.16	B 65 H	75/02
55.3	B 65 H	19/04
55.42	B 65 H	19/04
55.53–55.55	B 65 H	19/00
56	B 65 H	19/20
		54/71
56.1	B 65 H	39/16
56.2–56.5	B 65 H	35/02
56.2–56.4	B 65 H	54/88
56.6	B 65 H	35/04
56.7, 56.8	B 65 H	35/02
56.9	B 65 H	19/04
58	B 65 H	19/08
58.1	B 65 H	19/18
58.2	B 65 H	19/12
58.3	B 65 H	19/14
58.4	B 65 H	19/16
58.5	B 65 H	19/22
		19/26
58.6	B 65 H	19/30
59	B 65 H	75/00
60	B 65 H	75/02
61	B 65 H	75/06
62	B 65 H	75/02
63	B 65 H	75/22
64	B 65 H	75/34
65, 66	B 65 H	18/16
		18/22
		20/02
65.1, 66	B 65 H	16/10
		18/16
67	B 65 H	16/10
		18/22
67.1–68.6	B 65 H	16/02
		16/10
		18/02
		18/08
		18/10
		20/36
68.7	B 65 H	16/10
		18/20
		18/22
71–71.2	G 03 B	1/04
71.3	G 03 B	1/10
71.4, 71.5	G 03 B	1/06
71.6	G 03 B	1/04
71.7	G 03 B	17/26
71.8–73.5	B 65 H	75/18
74, 74.2	B 65 H	75/28
75	B 65 H	77/00
75.1	B 65 H	23/08
75.2	B 65 H	23/10
75.3	B 65 H	23/16
75.4	B 65 H	23/06
75.41, 75.42	B 65 H	23/08
75.46	B 65 H	23/16
75.47	B 65 H	23/20
75.5–75.53	B 65 H	59/00
76	B 65 H	27/00
77, 77.1	B 65 H	75/02
77.2	B 65 H	75/20
77.3, 77.4	B 65 H	75/18
78	B 21 C	47/00
78.1	B 21 C	47/02
78.3	B 21 C	17/10
78.6, 78.8	B 21 C	47/16
79	B 21 C	47/24
80–83	B 21 C	47/00
84	B 21 C	47/34
84.1–84.3	A 01 K	89/00
84.4–84.43	A 01 K	89/04
84.5–84.53	A 01 K	89/02
84.8	B 65 H	75/16
85	B 65 H	16/00
		18/00
85.1	B 65 H	75/36
86, 86.1	B 65 H	75/38
86.2–86.4	B 65 H	75/40
86.5	B 65 H	16/00
		18/00
		75/40
86.51	B 65 H	75/42
86.6–94	B 65 H	75/40
96	B 65 H	75/40
99	B 65 H	23/06
100, 100.1	B 65 H	75/38
100.2	B 65 H	75/48
104	B 65 H	75/38
107–107.7	B 65 H	75/48
110–110.3	B 65 H	75/24
115, 116	B 65 H	75/22
117	B 65 H	75/18
118	B 65 H	75/02
118.1–118.2	B 65 H	75/20
118.3–118.32	B 65 H	75/10
		75/12
118.4–118.8	B 65 H	75/14
125–125.3	B 65 H	75/28
127	B 65 H	49/30
128, 129	B 65 H	49/00
129.1–129.4	O 05 B	49/00
129.5	B 65 H	49/00
	O 01 H	7/16
129.51–129.8	B 65 H	49/00
		54/553
130–130.4	B 65 H	49/02
	O 03 J	5/08
131, 132	B 65 H	49/02
	O 02 H	1/00
	O 03 J	5/08
134–140	B 65 H	49/18
141–146	B 65 H	49/36
147	B 65 H	18/26
		59/00
148	B 65 H	59/40
		63/00
149–152.1	B 65 H	59/22
153, 154	B 65 H	59/12
155	B 65 H	59/18
156, 156.1	B 65 H	59/16
156.2	B 65 H	59/38
157	B 65 H	57/00
157.1	B 65 H	57/00
158–158.5	B 65 H	57/28
159–173	B 65 H	18/28
		51/015
		55/00
174–178	B 65 H	55/04
179–181	G 03 B	1/04
	G 11 B	15/32
182	G 11 B	15/58
		23/12
183–185	G 11 B	15/06
		15/58
		23/12
186–187	B 65 H	59/38
	G 03 B	1/04
	G 11 B	15/32
188	B 65 H	59/38
	G 03 B	1/04
	G 11 B	1/52
		15/06
189, 190	B 65 H	59/38
		63/02
	G 03 B	1/04
	G 11 B	15/32
191	B 65 H	59/38
	G 03 B	1/02
	G 11 B	15/13
192–196	G 03 B	1/04
	G 11 B	15/32
197–200	G 03 B	1/04
	G 11 B	15/32
		23/04
201–209	B 65 H	16/10
	G 03 B	1/04
	G 11 B	15/32
210	B 65 H	75/34
	G 03 B	1/04
	G 11 B	15/60
211–213	A 01 K	89/00
214	A 01 K	89/02
215	A 01 K	89/00
216	A 01 K	89/02
217–221	A 01 K	89/00
222	B 65 H	75/06

U.S. Class 244

Aeronautics

(IPC B 64 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 64 C	
2	B 64 C	37/02
	B 64 O	5/00
3	B 64 O	3/00
	F 41 J	9/10
3.1	F 41 G	7/00
		9/00
	F 42 B	15/02
		15/10
		15/20
		15/22
3.11	F 41 G	7/00
3.12	F 41 G	7/00
		7/20
	F 42 B	15/04
3.13–3.14	F 41 G	7/00
3.15–3.22	F 41 G	7/00
	F 42 B	15/02
	G 06 F	15/50
3.23	F 42 B	13/24
		15/047
		15/053
3.24–3.26	F 42 B	15/02
		15/047
		15/053
3.27–3.30	F 42 B	13/32
3.27–3.3	F 42 B	15/02
		15/047
		15/053
4	B 64 C	
5	B 64 B	1/20
	B 64 C	1/00
		17/00
6–8	B 64 C	27/22
9–10	B 64 C	27/22
		39/00
11	B 64 C	33/00
12.1, 12.2	B 64 C	15/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 244—Con.		
		29/00
12.3	B 64 C	15/02
		29/00
12.4	B 64 C	15/12
		29/00
12.5	B 64 C	29/00
12.6	B 64 C	15/00
		29/00
13	B 64 C	1/00
		3/00
		5/00
		7/00
14	F 42 B	17/00
15	B 64 C	15/00
16	B 64 C	31/02
	F 42 B	25/06
17.11	B 64 C	27/00
17.13	B 64 C	11/34
		11/40
		11/44
		27/54
17.15	B 64 C	25/00
		27/00
17.17	B 64 C	25/00
		27/00
17.19, 17.21	B 64 C	27/00
		27/82
17.23	B 64 C	27/08
17.25	B 64 C	27/52
17.27	B 64 C	27/00
19–21	B 64 C	27/00
		39/00
22	B 64 C	33/00
23	B 64 C	29/00
24	B 64 B	
25	B 64 B	1/20
26	B 64 B	1/34
27–29	B 64 B	1/06
30	B 64 B	1/02
		1/06
31	B 64 B	1/40
		1/58
	F 41 J	9/08
32	B 64 B	1/48
33	B 64 B	1/50
34	B 64 C	3/00
		5/00
		39/06
35	B 64 C	3/00
36	B 64 C	1/00
		3/00
37	B 64 C	3/18
38	B 64 C	1/26
39	B 64 C	27/00
45	B 64 C	3/38
		39/12
46–48	B 64 C	3/38
49	B 64 C	3/56
50	B 64 C	25/50
51	B 64 C	15/00
		27/82
52	B 64 B	1/36
	B 64 C	15/00
53	B 64 B	1/24
	B 64 D	27/00
		29/00
		31/00
		33/00
		35/00
54, 55	B 64 D	27/00
56	B 64 D	27/00
		29/00
57	B 64 D	33/10
58	B 64 O	41/00
59	B 64 D	27/00
60	B 64 D	35/00
61	B 64 B	1/24
	B 64 D	37/00
62	B 64 C	27/00
		39/00
63	B 64 F	1/04
64	B 64 C	31/04
65	B 64 C	11/00
66	B 64 C	27/52
67	B 64 C	27/00
68	B 64 C	11/00
		27/46
69	B 64 C	11/46
		27/08
70, 71	B 64 C	39/00
72	B 64 C	33/02
73, 74	B 64 B	1/36
	B 64 C	15/00
75	B 64 C	5/00
		9/00
		13/00
		15/00
		17/00
		19/00
	B 64 D	31/00
76	B 64 C	3/18
		13/16
		17/00
78	B 64 C	13/36
		13/40
79	B 64 C	17/06
80	B 64 C	17/02
		17/04
81	B 64 C	25/30
82	B 64 C	13/16
87	B 64 C	9/00
88	B 64 C	9/04
		9/06
89	B 64 C	5/00
90	B 64 C	5/10
		9/00
91	B 64 C	5/06
92	B 64 C	17/00
		27/82
93	B 64 C	17/00
94, 95	B 64 B	1/70
	B 64 C	17/08
96	B 64 B	1/02
		1/06
97	B 64 B	1/58
98, 99	B 64 B	1/62
100	B 64 C	25/00
101	B 64 C	25/54
		35/00
102	B 64 C	25/10
103	B 64 C	25/32
104	B 64 C	25/58
105, 106	B 64 C	35/00
107	B 64 C	25/54
	B 64 D	25/18
		45/04
108	B 64 C	25/52
109	B 64 C	25/00
110	B 64 C	25/68
	B 64 F	1/02
		1/12
111, 112	B 64 C	25/42
113	B 64 C	9/32
	B 64 D	17/80
114	B 64 F	1/00
115, 116	B 64 F	1/12
117	B 64 C	1/00
		30/00
	B 64 D	
118.1, 118.2	B 64 C	1/20
		1/22
	B 64 O	47/00
118.3	B 64 C	1/20
		1/22
	B 64 D	47/00
118.5	B 64 D	11/00
		13/00
118.6	B 64 D	11/06
		13/00
119, 120	B 64 C	1/00
121	B 64 C	1/10
	B 64 D	7/00
122	B 64 O	11/06
		25/02
123, 124	B 64 C	1/00
		3/00
		5/00
125	B 64 B	1/02
		1/06
126	B 64 B	1/14
127	B 64 B	1/22
		1/24
128	B 64 B	1/58
129.1	B 64 C	1/00
129.2	B 64 D	45/00
129.3–129.5	B 64 C	1/14
129.6	B 64 C	1/24
130	B 64 C	1/38
131	B 64 C	1/06
132	B 64 C	1/12
133	B 64 C	1/00
134	B 64 D	15/00
135	B 64 D	37/00
136	B 64 D	1/00
137	B 64 C	1/22
	B 64 D	1/08
		9/00
138	B 64 D	1/02
		17/00
		19/00
		21/00
139	B 64 D	17/00
		19/00
140	B 64 D	25/12
141	B 64 D	25/10
142	B 64 D	17/00
		19/00
		21/00
		23/00
143	B 64 D	17/00
144	B 64 D	19/00
145	B 64 O	17/02
146, 147	B 64 D	17/00
148	B 64 D	17/40
149	B 64 D	17/52
		17/62
150	B 64 D	17/58
151	B 64 D	17/30
152	B 64 D	17/14
		17/18
		17/34
153–155	A 63 H	27/08
	B 64 C	31/06
	F 41 J	9/08
158	B 64 G	1/00
		1/22
159	B 64 G	1/10
160	B 64 G	1/14
		1/16
		1/62
161	B 64 G	1/62
162	B 64 G	1/12
		1/52
		1/54
		1/56
		1/58
		1/60
163	B 64 G	1/46
		1/48
		1/50
164	B 64 G	1/24
	F D2 K	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
	F 03 H	1/00
		3/00
		5/00
165	B 64 G	1/28
166	B 64 G	1/32
167	B 64 G	1/34
168	B 64 G	1/36
169	B 64 G	1/26
	F 02 K	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
	F 03 H	1/00
		3/00
		5/00
170	B 64 G	1/38
171	B 64 G	1/36
172	B 64 G	1/40
		1/42
	F D2 K	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
	F D3 H	1/00
		3/00
		5/00
173	B 64 G	1/44
	F D3 H	5/00
175	B 64 C	13/18
	G D5 D	1/00
176	B 64 G	1/10
177–179	G 05 D	1/10
180–182	G D5 D	1/08
183–188	G D5 D	1/12
189, 190	B 64 C	13/20
191–197	G D5 D	1/00
198	B 64 C	3/00
		5/00
199	B 64 C	23/06
200	B 64 C	21/10
201	B 64 C	9/00
202	B 64 C	13/02
203	B 64 C	13/16
204	B 64 C	21/00
205	B 64 C	21/00
		23/00
206	B 64 C	23/02
207	B 64 C	9/58
		21/04
208	B 64 C	21/04
		21/06
209	B 64 C	21/06
210	B 64 C	9/16
211	B 64 C	9/28
212	B 64 C	9/22
213	B 64 C	3/58
		9/00
214, 215	B 64 C	3/50
216	B 64 C	9/16
217	B 64 C	9/00
		9/32
218	B 64 C	3/54
219	B 64 C	3/44
220–222	B 64 C	13/04
223	B 64 C	13/04
		13/46
224	B 64 C	13/14
225	B 64 C	13/04
226	B 64 C	13/40
		13/48
227	B 64 C	13/40
228	B 64 C	13/50
229	B 64 C	13/12
230	B 64 C	13/26
231	B 64 C	13/34
232, 233	B 64 C	13/30
234	B 64 C	13/04
235	B 64 C	19/02
236	B 64 C	13/50
237	B 64 C	13/04

U.S. Class 245

Wire fabrics and structure

(IPC B 21 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 21 F	27/00
1.5	B 6D C	15/04
2	B 21 F	27/00
3	B 21 F	27/08
4	B 21 F	31/00
5–8	B 21 F	27/00
9	B 21 F	27/08
10	B 21 F	27/00
11	B 21 F	29/02

U.S. Class 246

Railway switches and signals

(IPC B 61 L)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 61 L	
2–5	B 61 L	27/00
6	B 61 L	15/00
7	B 61 L	27/00
	H 04 L	
	H 04 M	
8	B 61 L	1/08
		27/00
	H 04 B	5/00
9–13	B 61 L	27/00
14	B 61 L	21/08
		27/00
15–18	B 61 L	27/00
19	B 61 L	23/24
20	B 61 L	21/00
22–26	B 61 L	21/04
27–29	B 61 L	21/00
30	B 61 L	1/10
		21/00
31–62	B 61 L	21/00
63	B 61 L	1/08
		21/00
64–107	B 61 L	21/00
108–110	B 61 L	1/00
111, 112	B 61 L	23/00
113–117	B 61 L	23/00
118–121	B 61 L	23/04
122	B 61 L	23/34
		25/00
123, 124	B 61 L	25/02
125–130	B 61 L	1/02
		1/12
131	B 61 L	19/00
132	B 61 L	19/06
133–135	B 61 L	19/14
136–145	B 61 L	19/02
146	B 61 L	19/02
		19/14
147–163	B 61 L	19/02
164, 165	B 61 L	23/00
166	B 61 L	1/00
167, 168	B 61 L	3/00
169	B 61 K	1/00
	B 61 L	3/00
170–181	B 61 L	3/00
182	B 61 B	13/16
	B 61 L	3/00
183–188	B 61 L	3/00
189, 190	B 61 B	13/08
	B 61 L	3/00
191–207	B 61 L	3/00
208	B 61 L	15/00
209	B 61 L	5/12
210, 211	B 61 L	5/20
212–214	B 61 L	5/22
215–217	B 61 L	5/20
218–244	B 61 L	5/00
		11/08
245–252	B 61 L	11/08
		13/04
253–256	B 61 L	5/00
257	B 61 L	5/07
		7/04
		11/06
258	B 61 L	7/04
		11/06
259	B 61 L	11/06
260	B 61 L	5/04
		7/04
		11/06
261	B 61 L	29/08
262	B 61 L	3/04
		5/02
		7/02
		11/02
		13/02
263	B 61 L	3/08
		5/06
		7/06
		11/08
		13/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 246—Con.		
264	B 61 L	11/00
265	B 61 L	11/08
266–269	B 61 L	11/02
270	B 61 L	1/00
		11/00
		13/00
271	B 61 L	1/00
		11/06
		13/00
272	B 61 L	29/18
273–276	B 61 L	
277	B 61 L	23/32
278–283	B 61 L	11/02
284–291	B 61 L	11/04
292	B 61 L	13/00
		29/00
293–296	B 61 L	13/00
		29/24
297–313	B 61 L	13/00
		29/00
314–358	B 61 L	11/02
359	B 61 L	1/00
		13/00
360	B 61 L	1/02
		13/04
361–373	B 61 L	1/00
		13/00
374	B 61 L	1/00
		23/32
375–381	E 01 B	7/18
		7/30
382–392	E 01 B	7/00
393	B 61 L	5/00
394	B 61 L	3/00
		5/00
395–414	B 61 L	5/00
415–427	E 01 B	7/00
428–434	E 01 B	7/00
435–450	E 01 B	7/02
451–453	E 01 B	7/00
454–464	E 01 B	7/10
		7/18
		7/22
		7/28
465–467	E 01 B	7/18
		7/22
		7/28
468	E 01 B	7/10
469	E 01 B	7/16
470	E 01 B	7/10
471	E 01 B	7/12
472	E 01 B	7/10
		7/18
		7/22
		7/28
473–478	B 61 L	5/12
		5/20
		9/00
479–484	B 61 L	5/14
485	B 61 L	5/16
486	B 61 L	5/12
		5/20
		9/00
487	B 61 L	5/20
488	B 61 L	5/12
		5/20
		9/00
489	B 61 L	
U.S. Class 248		
Supports		
(IPC F 16 M)		
1	A 47 G	29/00
27.1–27.3	G 12 B	9/00
27.5	A 47 G	29/00
27.8	A 47 G	7/00
37.3, 37.6	A 47 G	21/14
48.1, 48.2	E 04 D	13/06
49–53	F 16 L	3/00
55	F 16 L	3/16
56–57	F 16 L	5/00
58–64	E 21 F	17/02
	F 16 L	3/00
65–67	F 16 L	3/08
67.5	F 16 L	3/10
67.7	F 16 L	3/08
68, 69	F 16 L	3/22
70	F 16 L	3/08
71	F 16 B	15/00
		45/00
72	F 16 L	3/24
73, 74	F 16 L	3/08
75–79	A 62 C	23/04
	B 05 B	15/06
80–93	A 47 G	29/00
	B 05 B	15/06
94	B 01 D	23/28
	B 65 B	39/00
	B 67 C	11/00
95	B 65 B	67/12
96	A 63 B	55/00
97	A 63 B	55/04
98	A 63 B	55/08
99–101	B 65 B	67/04
102	A 47 D	15/00
	A 61 J	9/06
103–107	A 47 D	15/00
108–109	B 65 D	35/56
110–113	A 46 B	17/02
114	A 47 F	7/00
117.1	D 06 F	75/40
		79/02
117.2–117.7	D 06 F	79/02
118	B 68 G	5/00
118.1–118.5	B 43 L	15/00
121, 122	F 16 L	3/00
124–126	A 47 G	29/00
127	A 45 D	19/04
	A 47 J	47/16
	F 16 M	11/00
128, 129	A 47 K	1/04
130–131	A 47 F	5/02
132	A 47 J	47/16
133–142	A 47 F	5/12
143–145.6	A 47 J	47/16
146	A 47 G	23/02
147–154	A 47 G	23/02
155–155.5	A 45 D	19/04
	A 47 J	47/16
156	A 45 F	3/44
157	F 16 M	11/00
158–160	F 16 M	13/00
161, 162.1	F 16 M	11/00
163–165	F 16 M	11/32
166–173	F 16 M	11/38
174–175	A 45 D	19/04
	A 47 J	47/16
	F 16 M	11/00
176	F 16 M	11/00
177	F 16 M	11/02
178	F 16 M	11/04
179–180	F 16 M	11/12
181, 182	F 16 M	11/14
183–184	F 16 M	11/12
185	F 16 M	11/10
186	F 16 M	11/08
187	F 16 M	11/04
188	F 16 M	11/16
188.1	F 16 M	11/20
188.2–.4	F 16 M	
188.2–188.4	F 16 M	11/24
188.5	F 16 M	11/26
188.6	F 16 M	11/38
188.7–188.91	A 47 B	91/00
	F 16 M	11/20
200, 201	F 16 M	11/00
202.1, 205	A 47 B	96/06
	A 47 F	5/00
	A 47 H	1/10
	E 04 G	3/00
206	F 16 B	47/00
207, 208	A 47 F	5/00
	E 06 B	7/28
209	F 24 H	9/06
210–211	E 06 C	7/14
212–227	A 47 B	96/06
	A 47 G	55/00
212–216.1	E 04 G	3/00
212–227	E 04 G	5/06
	F 16 B	
	F 16 L	3/08
	F 21 L	15/08
	F 21 V	21/00
		35/00
216.4–220.4	E 04 G	3/00
227.1	F 24 H	9/06
228–231	A 47 B	96/06
	E 04 G	3/00
232–234	F 24 H	9/06
235–250	A 47 G	29/02
	E 04 G	3/08
	E 06 B	7/28
251–260	A 47 H	1/14
261–265	A 47 H	1/10
266–273	A 47 H	1/10
		1/13
	E 06 B	9/17
274–279	E 04 G	3/00
280.1	E 04 G	3/00
282–287	E 04 G	3/00
288.1–288.5	A 47 F	5/00
289.1, 289.3	A 47 F	5/00
290, 291	E 04 G	3/00
292.1	E 04 G	3/00
293, 294	E 04 G	3/00
295.1	A 47 F	1/10
296	E 04 G	3/00
297.1	E 04 G	3/00
297.2–297.5	A 47 F	1/10
298–301	A 47 F	5/00
	A 47 H	1/10
302, 303	A 47 H	1/16
304–308	F 16 B	45/00
309, 310	A 47 F	5/00
	A 47 H	1/10
311.2–313	A 47 K	1/08
314–316	A 47 F	5/00
	A 47 H	1/10
317–329	A 47 H	1/10
330.1	A 47 H	1/10
331–333	A 47 H	1/10
334.1	A 47 H	1/10
335–344	B 42 F	13/00
345	H 05 K	5/02
345.1	A 47 B	95/00
346, 346.1	A 47 B	91/00
	A 47 G	29/00
347–349	A 47 B	91/00
		95/00
351–357	E 04 G	25/00
	F 16 M	13/00
359, 359.1	A 47 B	91/00
		95/00
360	A 47 G	29/00
362	A 45 D	42/14
363	A 45 D	42/14
	F 16 B	47/00
364	A 47 H	33/00
	E 05 D	13/00
370, 371	A 47 G	29/00
372.1	A 47 G	29/00
393–398	A 45 D	19/04
	A 47 J	47/16
	F 16 M	13/00
404–414	F 16 M	11/00
415–430	F 16 M	13/00
431–436	F 16 M	11/38
439–440	F 16 M	11/32
441	A 47 B	19/00
		23/00
		41/06
		97/04
442	A 47 F	
	G 04 B	37/14
442.2	B 41 J	11/02
443	G 10 G	5/00
444	A 47 B	97/04
445, 446	A 47 B	23/00
		65/00
447–453	A 47 B	97/04
454–457	A 47 G	1/24
458–465	A 47 B	97/04
466–475	A 47 F	7/14
	A 47 G	1/16
	B 60 R	1/02
476–487	A 47 G	1/24
	B 60 R	1/02
488	A 47 F	7/14
	A 47 G	1/04
	B 60 R	1/02
489–494	A 47 G	1/16
495, 496	A 47 G	1/24
497, 498	A 47 G	1/16
499	B 65 D	63/00
500–510	A 47 B	97/00
511–530	F 16 M	13/00
532–541	A 01 K	97/10
	A 45 B	25/28
	A 47 G	25/12
		33/12
	G 09 D	17/00
	H 01 Q	1/12
542–636	F 16 M	13/00
637–681	F 16 M	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
U.S. Class 249		
Static molds		
(IPC B 29 C)		
1	E 01 C	
	E 01 D	
	E 02 B	
	E 02 C	
	E 04 C	
	E 04 G	
	E 21 C	9/00
		10/00
2	E 01 C	7/00
		13/00
		15/00
		19/50
3–7	E 01 C	7/00
8	E 01 C	7/00
		9/00
		11/22
9	E 01 C	7/00
		11/02
10	E 02 B	
	E 21 D	9/00
		10/00
11	E 02 B	
	E 21 C	10/00
12	E 02 B	
	E 21 D	9/00
		10/00
13	B 28 B	7/22
	E 02 D	
	E 04 B	
	E 04 F	
	E 04 G	
14	B 28 B	7/22
	E 04 G	13/06
15	E 04 G	13/00
16	E 04 G	9/10
17	E 04 G	15/06
18, 19	E 04 G	11/00
20–22	E 04 G	11/20
23	E 04 G	13/04
		17/00
24, 25	E 04 G	13/04
26, 27	E 04 G	11/02
28	E 04 G	11/40
29–32	E 04 G	11/40
33, 34	E 04 G	11/06
35	E 04 G	15/00
36–38	E 04 G	11/18
39	E 04 G	15/00
40–47	E 04 G	11/06
		17/06
48, 49	E 04 G	13/02
50	B 28 B	7/22
	E 04 G	11/50
51	E 02 D	5/34
		5/64
	E 04 C	3/30
	E 04 G	13/02
52	B 28 B	7/16
		7/20
53	B 29 C	39/00
		41/00
54	A 61 C	9/00
55	A 41 G	1/02
	B 22 C	9/22
56	B 22 C	9/28
57	B 22 C	9/24
		9/30
58	B 22 C	9/22
59	B 29 D	1/00
60	B 22 C	9/26
	B 22 D	25/04
61	B 28 B	7/34
62	B 28 B	7/34
63, 64	B 29 C	39/00
		41/00
65	B 28 B	7/32
66–77	A 23 G	9/00
	B 28 B	7/10
	F 25 C	1/24
78	B 22 D	27/02
79	B 22 D	27/02
80, 81	B 22 D	27/04
82	B 29 C	39/00
		41/00
83	B 22 D	19/00
84	B 22 D	7/02
85	B 28 B	9/00
86–88	B 22 D	19/08
89–90	B 22 D	19/04
91	B 22 D	5/00
92	A 23 G	9/00
93, 94	B 22 D	5/00
95–97	B 22 D	19/04
98–101	B 28 B	7/20
102–104	B 41 B	11/62
105	B 22 C	9/08
	B 41 B	11/74
106	B 22 D	7/00
107, 108	B 22 C	9/08
109	B 22 C	9/08
	B 22 D	41/08
110	B 22 D	41/08
111	B 22 D	15/00
112	B 28 B	7/36
	B 41 B	11/54
113	B 28 B	7/36
114–116	B 28 D	7/36
117	A 01 J	43/20
	B 22 C	9/06
	B 28 B	7/00
		7/36
	B 28 C	1/04
	B 29 C	33/00
	B 41 B	9/01
	B 41 D	3/00
118	B 41 B	11/56
119	B 22 C	9/20
	B 28 B	7/24
		7/26
	B 41 B	11/68
120–125	B 28 B	7/24
		7/26
126	B 28 B	7/24
		7/26
	B 41 D	3/06
127–133	A 23 G	9/00
	B 28 B	7/06
	F 25 C	1/24
134, 135	B 28 B	7/34
136	B 28 B	7/10
137	B 28 B	7/08
	B 41 B	11/66
138	B 41 B	9/10
139	B 29 C	33/22
140, 141	B 29 C	33/46
142	B 28 B	7/16
143	B 29 C	33/46
144	B 22 C	9/24
	B 41 D	3/06

U.S. Class 249—Con.

U.S. Subclass	IPC Subclass	IPC Notation
145–153	B 22 C	9/24
154	B 41 O	3/04
155–157	B 28 B	7/02
	B 41 B	11/60
158	B 28 B	7/02
	B 41 B	11/68
159	B 28 B	7/04
	B 41 B	11/68
160	B 41 B	11/54
161, 162	B 41 B	11/56
163–167	B 41 B	11/60
168	B 41 B	11/58
169	B 41 B	11/58
170–173	B 41 B	11/54
174	B 22 O	7/06
175	B 28 B	7/28
176, 177	B 28 B	7/28
178–182	B 28 B	7/30
183	B 29 C	33/78
184–186	B 28 B	7/28
187	B 29 C	33/00
188–196	E 04 G	9/00
197–202	B 22 O	7/10
203	A 23 G	9/00
204	B 22 O	7/10
		41/10
205	E 04 G	17/00
206	B 22 O	7/12
		35/04
	B 41 B	11/84
207–212	E 04 G	17/00
213–218	E 04 G	17/06
219	E 04 G	17/00

U.S. Class 250

Radiant energy

(IPC H 01 J)

U.S. Subclass	IPC Subclass	IPC Notation
200	G 01 J	
	H 01 J	40/00
201	G 01 J	1/20
202	G 05 B	1/00
203	G 01 J	1/20
204	G 01 J	1/36
205	G 01 J	1/32
206	G 01 J	
	H 01 J	40/14
207	H 01 J	40/14
208–212	H 01 J	40/14
213	H 01 J	31/50
		40/14
214, 215	H 01 J	40/14
216	H 01 J	3/14
		5/16
		40/14
221	G 01 V	9/04
	G 06 M	7/00
	H 01 J	40/14
222.1, 222.2	G 01 V	9/04
	H 01 J	40/14
223, 224	G 01 N	9/04
	G 06 M	7/00
	H 01 J	40/14
225	G 02 F	1/01
	H 01 J	40/14
226	G 01 J	3/50
	H 01 J	5/16
		40/14
227	H 01 J	5/16
		40/14
228	G 01 J	1/00
229	G 01 O	5/34
	H 01 J	1/56
230	G 01 O	5/30
231	G 01 O	5/34
232, 233	G 01 O	5/36
234–237	H 01 J	3/14
		5/16
		40/14
238	H 01 J	7/24
		40/14
239	H 01 J	5/02
		40/14
250	G 01 R	23/02
251	H 01 S	1/00
		9/00
	H 05 H	3/02
252.1	G 01 D	18/00
	G 12 B	13/00
253–270	G 01 V	5/00
271	G 06 K	7/10
281–285	B 01 O	59/44
	H 01 J	49/00
286	B 01 O	59/44
	H 01 J	49/40
287–289	B 01 O	59/44
	H 01 J	49/00
290	B 01 O	59/44
291–293	B 01 O	59/44
	H 01 J	49/00
294	B 01 O	59/44
	H 01 J	49/28
295–297	B 01 O	59/44
	H 01 J	49/00
298	B 01 O	59/44
	H 01 J	49/30
299–300	B 01 O	59/44
	H 01 J	49/00
301	G 01 T	1/167
		1/169
303	G 01 T	1/161
	G 21 H	5/02
304	G 01 N	31/00
		33/00
305	H 01 J	40/00
		47/00
306–311	G 01 N	23/00
	G 21 K	7/00
	H 01 K	37/26
315.3	G 03 G	13/00
		15/00
316.1	G 03 G	5/16
317.1–319	G 03 C	5/16
324–326	H 01 T	19/04
327.2	G 03 G	5/16
328	G 01 T	1/00
329	G 03 B	21/00
330	G 02 F	1/01
	H 01 L	31/00
331	G 02 F	1/13
332	H 01 L	25/00
333	H 01 J	31/49
334	G 02 B	26/10
335	G 01 T	5/04
		5/06
336.1	G 01 J	1/00
	G 01 T	1/00
337	G 01 T	1/11
338	G 01 J	1/00
354.1	G 01 J	1/42
	G 01 T	1/00
356.1, 356.2	G 01 F	1/00
	G 01 N	21/00
		21/33
		21/35
357.1	G 01 F	23/00
358.1, 359.1	G 01 F	23/00
360.1	G 01 F	23/00
361–369	G 01 T	1/20
370–371	G 01 T	1/22
		1/24
372–373	G 01 J	1/42
374–381	G 01 T	1/18
	H 01 J	47/02
		47/06
		47/08
382	G 01 T	1/18
		1/185
383–388	G 01 T	1/18
	H 01 J	47/02
		47/06
		47/08
389	G 01 T	1/185
	H 01 J	47/00
390–392	G 01 T	3/00
	H 01 J	47/12
393–395	G 01 J	1/42
	G 01 T	1/00
		3/26
		49/42
397–400	G 01 K	1/08
	H 01 J	3/14
		3/26
423–427	H 01 J	27/00
428–438	G 01 N	21/01
		21/51
		23/10
		23/12
440.1, 441.1	G 01 F	21/00
		23/00
	G 21 K	5/08
		5/10
	H 01 J	37/20
442.1	G 21 K	5/10
443.1	G 01 N	21/00
		23/00
	G 21 K	5/08
		5/10
	H 01 J	37/20
453.1, 454.1	G 01 N	21/00
455.1	G 01 N	23/00
	H 01 J	37/20
458.1, 459.1	F 21 V	9/16
	G 01 J	1/58
	G 01 T	1/10
	G 21 H	3/02
	G 21 K	5/00
	H 01 J	65/06
		65/08
461.1, 461.2	G 01 N	21/64
462.1–467.1	F 21 K	2/00
472.1, 473.1	G 01 T	1/04
		1/06
		5/00
	G 03 G	5/10
474.1	G 01 N	5/00
		21/00
475.2	G 03 B	42/00
	G 03 C	5/16
482.1	G 03 B	11/00
483.1	G 01 J	1/58
	G 01 N	21/64
	G 01 T	1/00
484.1	H 05 B	33/00
485.1–488.1	G 01 J	1/58
	G 01 N	21/64
		23/38
	G 01 T	1/00
489	B 01 O	59/44
	H 01 J	49/26
491.1, 495.1	G 01 J	1/00
491.1	G 01 N	21/00
		23/00
492.1–492.3	A 21 K	27/02
	A 61 N	5/00
	C 08 J	1/02
	G 21 G	5/00
492.1–4923	G 21 K	5/00
493.1	G 21 G	4/00
496.1–498.1	G 21 F	5/02
503.1	G 01 J	1/00
505.1	G 02 B	5/00
	G 21 K	1/00
	H 01 J	1/52
		3/00
		5/18
		29/46
506.1, 507.1	G 21 F	5/00
515.1	G 21 C	11/00
	G 21 F	1/00
		3/00
		5/00
		7/00
516.1	G 21 F	3/02
517.1	G 21 F	3/04
518.1	G 21 C	11/00
519.1	G 21 F	3/02
522.1	H 01 J	29/02
526	G 01 J	
	G 01 M	
	G 01 T	
	H 01 J	
548	G 01 N	21/86
	G 01 V	9/04
549	G 01 J	1/20
	H 01 J	31/26
550	G 02 B	27/42
551	G 02 B	27/00
552, 553	H 01 L	31/14
555	G 06 K	7/10
556	G 06 K	5/00
		11/00
557	G 06 K	7/015
		15/00
558	G 01 C	11/12
559–561	G 01 N	21/86
	G 01 V	9/04
562, 563	G 01 N	21/88
564, 565	G 01 N	21/00
566	G 06 K	7/10
568–570	G 06 K	7/10
571	G 01 N	21/86
	G 01 V	9/04
572	G 01 N	21/88
573–577	G 01 N	15/06
		15/07
		21/49
		21/85
578	H 01 J	40/14

U.S. Class 251

Valves and valve actuation

(IPC F 16 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 21 B	33/06
3	B 23 Q	35/18
4–10	F 16 L	55/14
11	F 16 K	31/00
		31/18
12	F 16 K	31/12
14	F 16 K	31/00
		31/12
		31/44
15–23	F 16 K	21/04
		31/12
24–60	F 16 K	31/12
61, 61.1–61.5	F 16 K	31/145
		31/165
		31/365
		31/385
62	F 16 K	31/143
		31/165
		31/363
		31/383
63	F 16 K	31/143
		31/363
		31/383
63.4–63.6	F 16 K	31/143
		31/163
		31/363
		31/383
64	F 16 K	31/00
65	F 16 K	31/08
66–83	F 16 K	31/44
84–88	F 16 K	25/00
89–116	F 16 K	35/00
117	F 16 K	
		51/00
118–127	F 16 K	47/00
	F 16 L	55/02
128	F 16 K	31/00
129–141	F 16 K	31/02
142, 143	F 16 K	51/00
144–147	F 16 K	51/00
148–152	F 16 K	51/00
	F 16 L	29/00
149–149.7	F 16 L	29/00
		37/28
149.8	F 16 K	
149.9	F 16 L	29/00
		37/28
153–156	F 16 K	51/00
157–204	F 16 K	25/00
205–207	F 16 K	
208, 209	F 16 K	5/10
210, 211	F 16 K	
212	F 16 K	3/00
213–280	F 16 K	31/44
281–283	F 16 K	39/00
284–288	F 16 K	51/00
289–297	F 16 K	31/00
298–303	F 16 K	1/16
304	F 16 K	5/00
305–308	F 16 K	1/22
309–317	F 16 K	5/00
318–325	F 16 K	1/00
		15/00
326–329	F 16 K	3/00
330–334	F 16 K	1/00
		15/00
335	F 16 K	31/00
336–338	F 16 K	
339–355	F 16 K	31/00
356–369	F 16 K	

U.S. Class 252

Compositions

(IPC C 09 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 09 K	
2–8.05	A 62 C	
	A 62 O	1/00
8.3	C 09 K	3/00
	E 21 B	43/28
8.5	C 09 K	7/00
8.55	C 09 K	3/00
	E 21 B	
8.57	C 14 C	9/00
8.6–8.9	O 06 M	
9	C 10 M	105/76
		105/78
		105/80
		107/50
		107/52
		107/54
		119/30
		125/24
		125/26
		139/00
		141/12
		155/00
		157/10
10–16	C 10 M	
12–12.6	F 16 C	
	F 16 O	69/00
17	C 10 M	105/22
		107/22
		115/04
		117/00
		119/10
		119/12
		119/16
		129/26
		129/92
		141/02
		145/00
18	C 10 M	101/02
		103/00
		103/06
		105/22
		107/22
		113/00
		113/08
		113/16
		115/04
		117/00
		119/10
		119/12
		119/16
		125/00
		125/08
		125/10
		125/12
		125/24
		129/26
		129/92
		141/02
		145/00
19	C 10 M	101/02

U.S. Class 252—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		103/00
		103/04
		105/22
		107/22
		113/00
		113/06
		113/16
		115/04
		117/00
		119/10
		119/12
		119/16
		125/00
		125/04
		125/08
		125/10
		125/12
		125/22
		129/26
		129/92
		141/02
		145/00
20	C 10 M	103/00
		105/22
		107/22
		113/00
		113/16
		115/04
		117/00
		119/10
		119/12
		119/16
		125/00
		125/08
		125/10
		125/12
		125/26
		129/26
		129/92
		141/02
		145/00
21–24	C 10 M	103/00
		105/22
		107/22
		113/00
		113/02
		113/04
		113/10
		113/12
		113/14
		113/16
		115/04
		117/00
		119/10
		119/12
		125/22
		125/24
		125/28
		125/30
		129/26
		129/92
		141/02
		145/00
25	C 10 M	103/00
		103/06
		113/00
		113/08
		113/16
		125/00
		125/08
		125/10
		125/12
		125/24
		125/26
26	C 10 M	103/00
		103/04
		113/00
		113/06
		113/16
		115/04
		117/00
		119/10
		119/12
		119/16
		125/00
		125/04
		125/08
		125/10
		125/12
		125/22
		125/24
		125/26
27	C 10 M	103/00
		103/02
		113/00
		113/02
		113/16
		125/00
		125/02
		125/08
		125/10
		125/12
		125/22
28	C 10 M	103/00
		103/02
		113/00
		113/02
		113/10
		113/12
		113/14
		113/16
		125/00
		125/02
		125/08
		125/10
		125/12
		125/26
		125/28
		125/30
29, 30	C 10 M	103/00
		103/02
		113/00
		113/02
		113/16
		125/00
		125/02
		125/08
		125/10
		125/12
31	C 10 M	103/00
		113/00
		113/04
		113/16
		125/00
		125/06
		125/08
		125/10
		125/12
		125/22
32, 32.5	C 10 M	105/08
		105/22
		105/74
		107/22
		107/26
		115/04
		115/12
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		119/28
		125/24
		125/24
		129/00
		129/26
		129/86
		129/86
		129/92
		137/00
		141/02
		145/00
		153/00
		157/08
32.7	C 10 M	105/08
		105/22
		105/72
		105/74
		107/22
		107/26
		107/46
		115/04
		115/10
		115/12
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		119/26
		119/28
		125/22
		125/24
		129/00
		129/26
		129/86
		129/92
		135/00
		137/00
		141/02
		141/08
		145/00
		151/00
		153/00
		157/08
		159/12
33, 33.2	C 10 M	105/08
		105/22
		105/72
		107/22
		107/26
		107/46
		107/48
		115/04
		115/10
		117/00
		119/04
		119/12
		119/16
		119/20
		119/26
		125/22
		129/00
		129/26
		129/86
		129/92
		135/00
		137/00
		141/02
		141/08
		143/12
		145/00
		151/00
		157/06
33.3, 33.4	C 10 M	105/08
		105/22
		105/72
		107/14
		107/22
		107/26
		107/46
		107/48
		115/04
		115/10
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		119/26
		125/22
		129/00
		129/26
		129/86
		129/92
		129/92
		135/00
		141/02
		141/08
		143/12
		145/00
		151/00
		157/06
33.6	C 10 M	105/08
		105/22
		107/22
		107/26
		115/04
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		129/00
		129/26
		129/86
		129/92
		129/92
		133/00
		141/02
		141/06
		143/12
		145/00
		149/00
		157/04
		159/10
35–37	C 10 M	105/08
		105/22
		107/22
		107/26
		115/04
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		129/00
		129/26
		129/86
		129/92
		129/92
		133/00
		141/02
		141/06
		143/12
		145/00
		149/00
		157/04
		159/10
37.2	C 10 M	105/08
		105/22
		107/14
		107/22
		107/26
		115/04
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		129/00
		129/26
		129/86
		129/92
		129/92
		133/00
		141/02
		141/06
		143/12
		145/00
		149/00
		157/04
		159/10
37.5–40	C 10 M	105/08
		105/22
		107/22
		107/26
		115/04
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		129/00
		129/26
		129/86
		129/92
		129/92
		133/00
		141/02
		141/06
		143/12
		145/00
		149/00
		157/04
		159/10
40.5	C 10 M	105/08
		105/22
		107/14
		107/22
		107/26
		107/40
		115/04
		115/08
		117/00
		119/04
		119/10
		119/12
		119/16
		119/20
		119/24
		125/20
		129/00
		129/26
		129/86
		129/92
		129/92
		133/00
		141/02
		141/06
		143/12
		145/00
		149/00
		157/04
		159/10
40.7	C 10 M	105/08
		105/22
		107/22
		107/26
		115/04
		117/00
		119/00
		129/00
		141/02
		143/12
		145/00
41, 42	C 10 M	105/08
		105/22
		107/22
		107/26
		115/04
		117/00
		119/00
		129/00
		141/02
		145/00
		159/10
42.1	C 10 M	105/08
		105/22
		107/14
		107/22
		107/26
		115/04
		117/00
		119/00
		129/00
		141/02
		143/12
		145/00
		159/10
42.4	C 10 M	105/08
		105/22
		107/14
		107/22
		107/26
		115/04
		117/00
		119/00
		129/00
		141/02
		143/12
		145/00
		159/10
42.7	C 10 M	105/08
		105/72
		107/46
		115/10
		119/04
		119/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 252—Con.		
		119/20
		119/26
		125/22
		129/00
		129/86
		135/00
		141/08
		145/18
		145/40
		157/06
43	C 10 M	107/14
		143/12
		159/10
45	C 10 M	105/72
		107/46
		115/10
		119/26
		135/00
		141/08
		151/00
		157/06
46.3	C 10 M	105/72
		105/76
		105/78
		105/80
		107/46
		107/50
		107/52
		107/54
		115/10
		119/26
		119/30
		125/00
		125/24
		125/26
		135/00
		139/00
		141/08
		141/12
		151/00
		155/00
		157/06
		157/10
46.4	C 10 M	105/72
		107/46
		115/10
		119/26
		125/00
		125/24
		135/00
		141/08
		151/00
		157/06
46.6	C 10 M	105/72
		105/74
		107/46
		107/48
		115/10
		115/12
		119/26
		119/28
		125/00
		125/24
		135/00
		137/00
		141/10
		151/00
		153/00
		157/06
		157/08
46.7	C 10 M	103/00
		105/56
		105/72
		105/74
		107/40
		107/46
		107/48
		113/00
		113/16
		115/08
		115/10
		115/12
		119/24
		119/26
		119/28
		125/00
		125/24
		125/28
		125/00
		125/20
		125/24
		133/00
		135/00
		137/00
		141/06
		149/00
		151/00
		153/00
		157/04
47	C 10 M	105/72
		107/46
		115/10
		119/24
		119/26
		125/20
		133/00
		135/00
		141/06
		141/08
		149/00
		151/00
		157/04
47.5	C 10 M	105/08
		105/56
		105/72
		105/76
		105/78
		105/80
		107/40
		107/46
		107/50
		107/52
		107/54
		115/08
		115/10
		117/00
		119/14
		119/20
		119/24
		119/26
		119/30
		125/20
		125/24
		125/26
		129/00
		129/86
		133/00
		135/00
		139/00
		141/06
		141/08
		141/12
		145/18
		145/40
		149/00
		151/00
		155/00
		157/04
		157/06
		157/10
		159/06
		159/08
48.2	C 10 M	105/08
		105/72
		107/46
		115/10
		117/00
		119/04
		119/14
		119/20
		119/26
		129/00
		129/86
		135/00
		141/08
		145/18
		151/00
		157/06
48.4	C 10 M	105/08
		105/50
		105/72
		107/38
		107/46
		115/06
		115/10
		119/04
		119/14
		119/20
		119/22
		119/26
		119/30
		125/18
		125/24
		125/26
		129/00
		129/86
		131/00
		135/00
		139/00
		141/04
		141/08
		141/12
		145/18
		147/00
		151/00
		155/00
		157/02
		157/06
		157/10
48.6	C 10 M	105/08
		105/22
		105/32
		105/72
		107/46
		115/10
		117/00
		119/04
		119/10
		119/12
		119/14
		119/16
		119/20
		119/26
		129/00
		129/26
		129/68
		129/86
		129/92
		129/92
		129/95
		129/95
		135/00
		141/08
		145/06
		145/10
		145/18
		151/00
		157/06
		159/06
		159/08
48.8	C 10 M	105/08
		105/50
		105/72
		107/38
		107/46
		115/06
		115/10
		119/04
		119/14
		119/22
		119/26
		125/18
		129/00
		129/86
		131/00
		135/00
		141/04
		141/08
		145/18
		145/40
		147/00
		151/00
		155/00
		157/02
		157/06
		159/06
		159/08
49	C 10 M	103/00
		113/00
		113/16
		125/00
49.3, 49.5	C 10 M	103/00
		113/00
		113/16
		125/00
		125/14
		173/00
49.6, 49.7	C 10 M	103/00
		105/76
		105/78
		105/80
		107/50
		107/52
		107/54
		113/00
		113/16
		119/30
		125/00
		125/24
		125/26
		139/00
		141/12
		155/00
		157/10
49.8	C 10 M	103/00
		105/74
		105/76
		105/78
		105/80
		107/48
		107/50
		107/52
		107/54
		113/00
		113/16
		115/12
		119/28
		119/30
		125/00
		125/24
		125/26
		137/00
		139/00
		141/12
		153/00
		155/00
		157/08
		157/10
49.9	C 10 M	103/00
		105/50
		105/56
		105/74
		105/76
		105/78
		105/80
		107/38
		107/40
		107/48
		107/50
		107/52
		107/54
		113/00
		113/16
		115/08
		115/12
		119/22
		119/24
		119/28
		119/30
		125/00
		125/18
		125/20
		125/24
		125/26
		131/00
		133/00
		137/00
		139/00
		141/04
		141/06
		145/18
		147/00
		149/00
		151/00
		153/00
		155/00
		157/08
		157/10
50	C 10 M	105/56
		107/40
		115/08
		119/24
		125/20
		133/00
		141/06
		149/00
		157/04
51	C 10 M	105/50
		105/56
		107/38
		107/40
		115/06
		115/08
		117/00
		119/22
		119/24
		125/18
		125/20
		131/00
		133/00
		141/04
		141/06
		147/00
		149/00
		157/02
		157/04
51.5	C 10 M	105/08
		105/56
		107/40
		115/08
		117/00
		119/04
		119/14
		119/20
		119/24
		125/20
		129/00
		129/86
		133/00
		141/06
		145/18
		145/40
		149/00
		157/04
52	C 10 M	105/08
		107/22
		107/30
		107/34
		107/36
		115/04
		119/04
		119/14
		119/18
		119/20
		129/00
		129/86
		141/02
		145/00
		145/18
54	C 10 M	105/08
		105/54
		107/22
		107/30
		107/38
		115/04
		115/06
		119/04
		119/14
		119/20
		125/18
		129/00

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U.S. Subclass	IPC Subclass	IPC Notation
		129/86
		131/08
		141/02
		141/04
		145/00
		145/18
		147/04
54.6	C 10 M	105/08
		105/22
		105/54
		107/22
		107/30
		107/38
		115/04
		115/06
		117/00
		119/04
		119/10
		119/12
		119/14
		119/16
		119/20
		125/18
		129/00
		129/28
		129/86
		129/86
		129/92
		131/12
		131/14
		141/02
		141/04
		145/00
		145/06
		145/10
		145/18
		147/04
		159/06
		159/08
55	C 10 M	105/08
		107/18
		107/22
		107/30
		115/04
		119/04
		119/14
		119/20
		129/00
		129/86
		141/02
		143/18
		145/00
		145/18
56, 57	C 10 M	101/04
		105/22
		105/32
		107/22
		107/26
		107/30
		107/32
		115/04
		117/00
		119/10
		119/12
		119/16
		129/26
		129/68
		129/92
		129/95
		141/02
		145/00
		145/06
		145/10
		145/22
		145/38
		159/06
		159/08
58	C 10 M	105/52
		107/38
		115/06
		125/18
		131/02
		141/04
		147/02
60	C 09 K	3/00
61	B 03 0	
	C 09 K	3/00
	C 22 B	1/00
		3/00
62	E 04 B	1/74
62.2	H 01 G	
62.3	C 04 B	35/00
	H 01 L	29/12
62.51	C 04 B	35/00
	C 09 0	5/23
	H 01 F	1/00
62.52	C 04 B	35/00
	C 09 K	3/00
	G 01 M	27/82
	H 01 F	1/28
62.53	C 04 B	35/64
	H 01 F	1/00
		1/28
62.54	C 04 B	35/04
	H 01 F	1/00
		1/26
62.55	B 22 F	3/00
	C 04 B	35/64
	H 01 F	1/04
		1/14
62.56	C 01 G	49/08
	C 04 B	35/26
		35/64
62.57	C 04 B	35/40
		35/64
	H 01 F	1/00
62.58–62.64	C 04 B	35/26
		35/64
	H 01 F	1/00
62.9	C 04 B	35/00
67–69	C 09 K	5/00
	C 10 M	
	F 25	
70	C 09 K	3/18
71–79	C 09 K	5/00
79.1	C 09 K	13/00
79.2	C 09 K	13/04
79.3	C 09 K	13/08
79.4	C 09 K	13/06
79.5	C 09 K	13/02
80, 81	C 02 F	5/08
	C 23 F	11/00
82–87	C 02 F	5/10
	C 23 F	11/10
88	C 09 K	3/22
89.1	C 11 0	
90–93	C 11 0	17/00
94–95	C 11 0	3/395
		7/54
	0 06 L	3/00
96–98	C 11 0	9/42
	0 06 L	3/00
99	C 11 0	7/18
		7/38
		7/56
	0 06 L	3/00
100–101	C 11 0	7/54
	0 06 L	3/00
102	A 62 0	5/00
	C 11 0	7/54
	0 06 L	3/00
103–105	C 11 0	7/54
	0 06 L	3/00
106	C 11 0	3/48
107	C 11 0	9/50
108	C 11 0	9/00
		15/00
109	C 11 0	9/10
		15/04
110–113	C 11 0	9/30
		15/04
114–115	C 11 0	9/00
		15/04
116	C 11 0	9/18
		15/04
117–120	C 11 0	9/30
		15/04
121	C 11 0	9/32
		15/04
122–127	C 11 0	9/00
		15/04
128–130	C 11 0	9/18
		15/04
131	C 11 0	9/20
		15/04
132	C 11 D	9/22
		15/04
133	C 11 0	9/06
		15/04
134	C 11 0	17/00
135	C 11 0	3/04
		7/00
		11/00
136	C 11 0	3/04
		7/08
139	C 11 0	3/00
		7/10
140	C 11 0	3/12
		7/10
141	C 11 0	7/02
142	C 11 0	7/08
	C 23 G	1/02
143, 144	C 11 0	7/08
		7/50
145	C 11 0	7/08
146, 147	C 11 0	7/00
	C 23 G	1/04
148–151	C 11 0	7/00
	C 23 G	1/06
153–155	C 11 0	1/18
		1/38
		1/50
		3/26
		7/32
156–160	C 11 0	7/06
		7/12
162	C 09 0	9/00
	C 11 0	7/22
		7/50
163–169	C 09 0	9/02
	C 11 0	7/50
	C 23 G	5/00
170–172	C 09 0	9/00
	C 11 0	7/50
	C 23 G	5/02
173	C 11 0	
174	C 11 0	17/00
174.11–174.19	C 11 0	
174.21–174.25	C 11 0	
175–179	C 02 F	5/02
		5/08
180, 181	C 02 F	5/10
181.1–181.7	H 01 J	7/18
		35/20
	H 01 K	1/56
182	C 09 K	3/00
	H 05 B	33/00
182.1	H 01 M	4/88
184	C 01 B	31/16
	C 09 K	3/00
185	C 09 K	3/00
186.1	A 01 N	
	A 62 D	3/00
		9/00
	B 01 0	53/54
	C 01 B	7/00
		11/00
	C 02 F	1/72
		1/76
		1/78
	C 09 K	3/00
186.2, 186.21	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
		11/00
		13/00
186.22, 186.23	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/00
	C 09 K	3/00
186.24	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
	C 09 K	3/00
186.25	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
		11/00
		13/00
		15/00
	C 09 K	3/00
186.26, 186.27	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/00
	C 09 K	3/00
186.28, 186.29	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/01
		15/037
	C 09 K	3/00
186.3, 186.31	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/00
		15/12
	C 09 K	3/00
186.32	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/043
	C 09 K	3/00
186.33	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	13/00
	C 09 K	3/00
186.34	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/06
	C 07 C	17/00
	C 09 K	3/00
186.35	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/06
	C 07 C	251/00
	C 09 K	3/00
186.36, 186.37	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
		11/00
	C 09 K	3/00
186.38, 186.39	A 01 N	
186.4	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
		15/00
	C 09 K	3/00
186.41	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/01
	C 09 K	3/00
186.42, 186.43	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	15/00
	C 09 K	3/00
186.44	A 01 N	
186.44186.43	A 62 0	3/00
186.44	A 62 0	9/00
	C 09 K	3/00
187.1, 187.2	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/00
		11/00
187.21	A 62 0	3/00
		9/00
	C 01 B	11/02
	C 09 K	3/00
187.22	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	7/01
	C 09 K	3/00
187.23	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/10
187.24–187.29	A 01 N	
187.3	A 62 0	3/00
		9/00
	C 01 B	11/06
	C 09 K	3/00
187.31	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/14
		11/18
	C 09 K	3/00
187.32	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/04
	C 09 K	3/00
187.33	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/06
	C 09 K	3/00
187.34	A 01 N	
	A 62 0	3/00
		9/00
	C 01 B	11/06
	C 07 C	251/00
	C 09 K	3/00
188.1	B 01 0	19/00
	C 01 B	3/00
		6/00
	C 02 F	1/70
	C 06 B	23/00
		43/00
	C 06 0	5/00
	C 09 K	3/00
188.2	B 01 0	19/00
	C 02 F	1/70
	C 09 K	3/00
188.21	B 01 0	19/00
	C 01 B	17/62
	C 09 K	3/00
188.22–188.24	B 01 0	19/00
	C 01 B	17/66
	C 09 K	3/00
188.25, 188.26	C 01 B	3/00
		6/00
	C 06 B	23/00
		43/00
	C 06 0	5/00
	C 09 K	3/00
188.27	C 01 B	6/06
	C 06 B	23/00
		43/00
	C 06 0	5/00
	C 09 K	3/00
188.28188.24	B 01 0	19/00
188.28	C 01 B	3/00
		6/00
	C 02 F	1/70
	C 06 B	23/00
		43/00
	C 09 K	3/00
188.31	C 09 K	11/07
189–194	C 09 K	3/00
194	C 09 K	3/00
299.01	C 09 K	19/52
299.1	C 09 K	19/00
299.2	C 09 K	19/58
299.3	C 09 K	19/58
299.4	C 09 K	19/56
299.5	C 09 K	19/54
299.6	C 09 K	19/06
299.61	C 09 K	19/34
299.62	C 09 K	19/32
299.63	C 09 K	19/30
299.64	C 09 K	19/20
299.65	C 09 K	19/12

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U.S. Subclass	IPC Subclass	IPC Notation
299.66	C 09 K	19/12
299.67	C 09 K	19/20
299.68	C 09 K	19/22
299.7	C 09 K	19/36
301.16–301.32	C 09 K	11/06
301.33	C 09 K	11/06
		11/08
301.34–301.36	C 09 K	11/02
301.4	C 09 K	11/08
301.5	C 09 K	11/68
301.6	C 09 K	11/54
302	B 01 F	3/00
	B 01 J	13/00
303, 304	B 01 F	3/00
	B 01 J	13/00
305	C 09 K	3/30
306–314	B 01 J	13/00
315.01	B 01 J	13/00
315.1–315.7	B 01 J	13/00
318	B 01 F	3/00
319, 320	B 01 D	17/00
321	B 01 0	
322–327	B 01 D	17/00
328–345	B 01 D	17/04
330, 33.2	C 10 M	119/10
346–348	B 01 D	17/00
349	B 01 D	17/00
		19/00
350	C 06 D	
	C 09 K	3/00
351–352	B 01 F	17/00
353	B 01 F	17/02
		17/12
354	B 01 F	17/00
		17/30
355	B 01 F	17/00
		17/16
		17/28
356	B 01 F	17/30
357	B 01 F	17/16
		17/28
358	B 01 D	17/00
		19/04
	C 09 K	3/00
359	B 01 D	
	B 01 F	
	B 01 J	13/00
360	B 01 0	17/00
		19/00
361	B 01 D	19/00
362, 363	B 01 0	19/00
363.5	B 01 F	3/00
	C 09 K	3/00
364	B 01 F	1/00
	C 23 G	5/00
365	C 09 K	3/00
366	C 12 F	5/00
367–370	C 11 0	13/00
		15/00
371	C 11 D	13/00
		15/02
372	C D1 B	2/00
	C D9 K	3/00
373	C D7 C	1/02
	C 1D K	
374–377	C D1 B	2/02
		2/30
378	C 04 B	20/06
		31/22
		31/26
380	C 09 K	3/00
381	B 27 K	
	C D9 K	3/00
382	C D9 K	3/00
383	A 23 L	1/00
384–385	C D9 K	3/00
386	C 09 K	3/00
	C 10 G	
	C 10 L	
387–396	C D9 K	3/00
	C 23 F	11/00
397	C D9 K	15/00
398	C D9 K	15/34
399	C 09 K	15/04
400	C 09 K	15/32
401	C D9 K	15/16
402	C 09 K	15/26
403	C D9 K	15/22
404	C D9 K	15/08
		15/14
		15/24
405	C 09 K	15/16
406	C D9 K	15/10
407	C D9 K	15/06
408.1	G 01 N	31/00
		33/00
478	A 62 D	
	C 04 B	35/68
	C D9 K	3/00
	E 04 B	
	G 21 C	5/12
		7/24
492	F 21 H	1/02
500	H D1 B	1/00
	H 01 C	
501.1	H 01 C	13/00
	H D1 L	
502–505	H 01 B	1/04
	H 01 C	
506–511	H D1 B	1/06
	H 01 C	
512–515	H 01 B	1/02
	H D1 C	
516	H 01 B	1/04
	H D1 C	
517	H D1 B	1/00
	H 01 C	
518–521	H 01 B	1/06
	H D1 C	
522	A 61 K	7/46
	C 11 B	9/00
523–529	C 11 D	3/066
		3/07
530–540	C 11 0	3/065
541–548	C 11 D	1/18
		1/38
		1/50
		1/75
		3/26
		7/32
549–559	C 11 D	1/12
		1/755
567	H 01 B	3/48
570	H D1 B	3/24
571–580	H 01 B	3/20
581	H 01 B	3/24
582	F 21 V	9/00
	G 02 B	5/02
	G 02 C	7/10
	G 03 B	11/00
	G 03 C	
583	G 02 F	1/00
584	G 02 B	5/20
585	F 21 V	9/14
	G D2 B	5/30
	G 02 C	7/12
586	G 02 B	5/23
587–589	F 21 V	9/04
		9/06
	G D2 B	5/22
		5/26
600	G D3 C	1/00
	G D3 G	5/00
601–611	C 09 K	2/10
625	C 09 K	3/00
		11/04
626	G 21 F	9/00
627	G 21 C	19/42
		19/44
		19/46
		19/48
		19/50
628, 629	G 21 F	9/16
630	G 21 F	9/02
631	G 21 F	9/08
632	G 21 F	9/08
		9/14
633	G 21 F	9/12
		9/24
634, 635	C 09 K	3/00
636–643	C D9 K	11/04
	G 21 G	4/00
644	G 21 G	4/00
645	C D9 K	11/00
		11/04
	G 21 G	4/00
647	H D1 K	3/16
700	C/O[illegible] U.S. Class 254	

Pushing and pulling implements

(IPC B 66 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 66 F	
2	B 60 P	1/00
3	B 60 P	1/04
4	B 60 P	1/14
		1/22
5	B 60 P	1/02
6	B 60 P	1/12
		1/20
7	B 60 P	1/10
8–10.5	B 60 P	1/48
11	B 66 F	3/00
12	B 66 F	3/02
13	B 66 F	3/08
14–17	B 66 F	3/00
18–27	B 25 C	11/00
	B 66 F	15/00
28	B 25 C	11/00
28.5	B 66 F	7/26
29–31	E 21 B	19/00
32	B 66 F	7/20
33, 34	B 66 F	7/26
35–38	B 60 S	9/22
39	E 05 F	3/00
40–42	B 41 B	1/20
43, 44	E 01 B	29/22
45–50	B 66 F	7/26
50.1–50.4	B 60 C	25/14
85	B 66 F	3/08
88	E 02 C	3/00
89–91	B 66 F	7/12
92	B 66 F	7/14
93	B 66 F	3/24
94	B 66 F	7/22
95	B 66 F	3/02
96	B 66 F	3/08
97	B 66 F	3/16
98, 99	B 66 F	3/08
100	B 66 F	3/36
101	B 66 F	3/38
102	B 66 F	3/10
103	B 66 F	3/18
104	B 66 F	
105–107	B 66 F	1/00
108–112	B 66 F	1/04
113–120	B 66 F	3/00
121	E D1 B	29/22
122	B 66 F	3/22
123–134	B 66 F	3/00
134.3–134.7	B 65 H	59/00
	E 21 C	29/16
	H D2 G	1/08
199	B 21 F	9/00
	B 25 B	25/00
200–212	B 25 B	25/00
	B 65 H	77/00
213–263	B 21 F	9/00
	B 25 B	25/00
	B 66 F	3/00
264–266	B 66 0	1/00
267–271	B 66 0	1/48
272–275	B 66 0	1/50
276	B 66 0	1/48
277	B 66 D	1/00
278, 279	B 66 D	1/26
280, 281	B 66 D	1/26
		1/36
282	B 66 D	1/26
283–286	B 66 D	1/36
287, 288	B 66 D	1/26
289	B 66 0	1/14
		1/26
290	B 66 D	1/26
291	B 66 D	1/08
292	B 66 0	1/12
293	B 66 D	1/14
		1/26
294–296	B 66 D	1/14
297	B 66 D	1/22
298–310	B 66 D	1/14
		1/26
311, 312	B 66 D	1/20
313	B 66 D	1/14
314	B 66 D	1/10
315	B 66 D	1/08
316	B 66 D	1/12
317–320	B 66 D	1/14
		1/26
321	B 66 0	5/02
322	B 66 0	5/06
		5/12
323, 324	B 66 0	1/00
325–327	B 66 0	1/36
328–333	B 66 D	1/00
334–338	B 66 D	1/36
339–343	B 66 D	1/14
344	B 66 D	1/22
345–357	B 66 D	1/14
358, 359	B 66 0	1/20
		3/16
360	B 66 0	1/10
361	B 66 0	1/08
362	B 66 D	1/12
363–370	B 66 0	1/14
371, 372	B 66 D	1/30
373	B 66 D	1/34
374	B 66 0	1/30
375	B 66 0	5/02
376	B 66 0	5/32
377	B 66 0	5/02
378	B 66 D	5/08
		5/14
379	B 66 0	5/26
380	B 66 0	3/00
381	B 66 0	1/00
382, 383	B 66 D	3/00
384–386	B 66 F	1/00
387	B 66 B	1/00
	B 66 F	1/00
388	B 66 D	1/00
389–392	B 66 0	3/04
393–400	B 66 0	3/08
401–404	B 66 0	3/06
405–417	B 66 0	3/04
418–420	B 6D S	9/02
421	B 60 S	9/14
422–427	B 6D S	9/02

U.S. Class 256

Fences

(IPC E 04 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	E 04 H	17/00
2–9	B 21 F	25/00
	E 04 H	17/04
10	A 01 K	3/00
	H D5 C	
11, 12	E 04 H	17/00
12.5	E 01 F	7/02
13	A D1 K	3/00
	E 01 F	7/00
		15/00
13.1	A D1 K	3/00
	E 01 F	15/00
14–18	A 01 K	3/00
	E D1 B	5/18
		17/00
19	E 04 H	17/14
20	E 04 H	17/00
21, 22	B 21 F	27/00
	E 04 H	17/16
23	A 01 G	17/06
	E 04 H	17/00
24–31	E 04 H	17/16
32–58	B 21 F	27/00
	E 04 H	17/02
59–72	E 04 H	17/14
73	E 04 H	17/16

U.S. Class 258

Railway mail delivery

(IPC B 61 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 61 K	1/00
1.2–1.8	B 64 D	1/00
2–26	B 61 K	1/00

U.S. Class 260

Chemistry, carbon compounds

(IPC C 07)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07	
96.5	C 07 C	127/00
97	C 09 F	
	C 11 0	15/00
97.5–98	C 09 F	
99	C 09 F	1/00
		7/02
99.5	C 08 H	11/00
	C 09 F	1/00
		7/06
100	C 09 F	1/00
		7/00
101, 102	C 09 F	1/00
		7/00
103	C 09 F	1/04
		5/00
		7/00
104	C 09 F	1/04
		5/08
		7/00
105	C 09 F	1/00
		7/00
		9/00
	C 11 D	15/00
106	C 09 F	1/00
		5/00
107–111	C 09 F	1/00
		3/00
		5/00
112	A 23 J	
	C 07 K	
	C 09 H	
112.5	C 07 K	
	C 09 H	
112.7	A 61 K	37/26
	C 07 K	7/40
113–115	C 07 K	7/00
	C 09 H	
117	C 09 H	
118	A 23 J	1/10
	C 09 H	3/00
119	C 07 K	15/24
	C 08 H	1/00
		7/00
120	A 23 J	1/20
		1/22
		3/02
	C 07 K	3/12
121	C 07 K	15/06
122	C D7 K	3/12
123	A 23 J	1/00
	C 07 K	15/10
123.5	A 23 J	1/12
		1/14
	C 07 K	15/10
123.7	C D7 K	15/20
124	C D7 G	1/00
	C 08 H	97/00
125	C 07 G	
	C 09 B	49/00
		59/00
126	C D7 G	3/00
	C D8 B	
127–139	C 07 G	17/00
	C 09 B	49/00
		59/00
140	C D7 C	115/00
141, 142	C 07 C	113/00
143	C 07 C	105/00
144	C D7 C	107/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 260—Con.		
		149/433
	C 09 B	27/00
		29/00
		31/00
		33/00
		35/00
		37/00
		39/00
		41/00
		43/00
		45/00
		49/00
		51/00
		62/00
145–147	C 09 B	45/00
148	C 09 B	45/24
149	C 09 B	45/14
150, 151	C 07 C	107/08
	C 09 B	45/14
152–159	C 09 B	29/22
		29/36
		31/14
		31/28
		33/12
		35/18
		35/34
		35/48
		43/16
		62/08
		62/16
		62/24
		62/32
		62/40
160	C 09 B	31/14
		33/12
		35/18
161	C 09 B	35/18
162, 163	C 09 B	29/22
		29/36
		29/50
164, 165	C 09 B	29/22
		29/36
		31/14
		31/28
		33/12
		35/18
		35/34
		35/48
		43/16
		62/40
166, 167	C 09 B	31/30
		33/18
		35/36
		35/50
168	C 09 B	35/50
169	C 09 H	31/16
		33/18
		33/20
		35/36
		35/38
170	C 09 B	35/36
		35/38
171	C 09 B	35/46
172	C 09 B	35/36
		35/38
173	C 09 B	31/16
		33/18
		35/36
		35/38
174	C 09 B	31/02
		33/02
		35/02
175	C 09 B	31/02
		33/02
		35/02
		35/26
176	C 09 B	31/10
		33/02
		35/02
177	C 09 B	35/02
178	C 09 B	35/08
		35/22
		35/24
		35/28
179	C 09 B	35/04
180–183	C 09 B	35/08
184, 185	C 09 B	33/02
186–191	C 09 B	31/02
192	C 07 C	107/00
	C 09 B	27/00
		29/00
193	C 09 B	29/32
194, 195	C 07 C	107/08
	C 09 B	29/16
		29/20
		29/28
		29/30
196	C 07 C	107/08
	C 09 B	29/08
		29/12
		29/16
		29/20
		29/28
		29/30
197	C 07 C	107/08
	C 09 B	29/16
		29/20
		29/28
198, 199	C 07 C	107/08
	C 09 B	29/28
		29/30
200, 201	C 07 C	107/08
	C 09 B	29/16
		29/30
202	C 07 C	107/08
	C 09 B	29/03
		29/20
		29/28
203, 204	C 07 C	107/08
	C 09 B	29/20
205–205.5	C 07 C	107/06
	C 09 B	29/08
		29/12
		29/16
		29/18
		29/26
206	C 07 C	107/06
	C 09 B	29/12
		29/26
207	C 07 C	107/06
	C 09 B	29/14
		29/18
		29/26
207.1	C 07 C	107/06
	C 09 B	24/04
		29/14
		29/18
207.3–207.5	C 07 C	107/06
	C 09 B	29/08
		29/12
		29/16
		29/18
		29/26
208	C 07 C	107/00
	C 09 B	43/00
236.5	C 07 G	17/00
236.6	C 11 B	9/00
239	C 07 D	/00
	C 07 F	/00
239.1	C 07 D	499/00
239.3	C 07 D	210/00
239.5	C 07 J	/00
239.55	C 07 J	17/00
		19/00
		21/00
		71/00
239.57	C 07 J	19/00
239.6, 239.65	C 07 D	231/42
		251/16
		263/50
239.7	C 07 D	237/00
		239/00
		241/00
		251/00
		253/00
		265/00
		273/00
		279/00
		285/00
		291/00
239.75	C 07 D	239/69
239.8	C 07 D	211/00
		213/00
		215/00
		219/00
		221/00
239.9	C 07 D	231/42
		233/00
		235/00
		261/16
		263/50
		271/00
		275/00
		277/00
		285/00
		291/00
239.95	C 07 D	275/00
		277/00
		285/00
242.2	C 07 D	487/22
	C 09 B	47/04
243.3	C 07 D	
244.4	C 07 D	
245.1	C 07 D	487/22
245.2	C 07 D	403/00
		417/00
		421/00
		487/00
		499/00
		513/00
		517/00
		519/00
245.3	C 07 D	413/00
		419/00
245.4–2457	C 07 D	403/00
		413/00
		417/00
		419/00
		421/00
		487/00
		498/00
		515/00
		519/00
245.71	C 07 D	487/22
	C 09 B	47/00
		62/00
245.72–245.83	C 09 B	47/04
		62/00
		67/00
245.85, 245.86	C 09 B	47/04
245.85	C 09 B	47/10
245.85, 245.86	C 09 B	62/00
		67/00
245.87	C 09 B	67/04
		67/50
245.88–245.9	C 09 B	47/04
245.91	C 07 D	487/22
330	C 07 D	281/00
		285/00
		285/36
		285/38
		291/00
		293/00
		417/00
		419/00
		513/00
		515/00
330.3	C 07 D	409/00
		411/00
		413/00
330.6	C 07 D	407/00
		413/00
330.7	C 07 D	498/12
		498/22
330.8	C 07 D	498/02
330.9	C 07 D	405/00
		487/00
		491/00
349	C 07 C	117/00
		121/86
350	C 07 C	/00
	C 07 F	/00
351	C 07 C	50/16
	C 09 B	1/00
		3/00
351.1	C 07 C	39/40
		49/423
		103/19
		103/26
		103/75
351.2–351.6	C 07 C	103/19
		103/26
		103/75
352	C 07 C	50/22
	C 09 B	3/00
		3/02
353–358	C 09 B	3/22
359	C 09 B	3/60
360	C 09 B	3/40
361	C 09 B	3/70
362	C 09 B	3/00
		3/50
363	C 09 B	3/12
364	C 09 B	3/02
365	C 07 C	50/16
		97/12
		97/24
	C 09 B	1/00
		3/00
		13/00
366	C 07 F	
	C 09 B	1/00
		3/00
		13/00
		63/00
367–369	C 07 C	50/18
		97/12
		97/24
	C 09 B	1/00
370	C 07 C	143/36
		143/38
	C 09 B	1/12
		1/24
		1/30
		1/34
		1/52
371, 372	C 07 C	143/665
	C 09 B	1/24
		1/30
		1/34
		1/52
373	C 07 C	143/665
	C 09 B	1/52
374	C 07 C	143/665
	C 09 B	1/34
375	C 07 C	143/42
	C 09 B	1/12
376	C 07 C	49/76
		101/80
	C 09 B	1/00
377	C 07 C	103/75
	C 09 B	1/36
378	C 07 C	97/12
		97/24
	C 09 B	1/16
379	C 07 C	97/24
	C 09 B	1/50
380	C 07 C	97/26
	C 09 B	1/50
381	C 07 C	97/25
	C 09 B	1/16
382	C 07 C	97/24
	C 09 B	1/20
383	C 07 C	49/74
		50/18
	C 09 B	1/02
384	C 07 C	50/24
	C 09 B	1/00
		1/10
385	C 07 C	45/28
		50/18
	C 09 B	1/06
386	C 07 C	15/16
	C 09 B	11/00
387	C 07 F	
	C 09 B	11/00
388	C 07 C	15/12
	C 09 B	11/00
389	C 07 C	15/16
	C 09 B	11/04
390–394	C 09 B	11/10
395	C 09 B	11/06
396	C 07 C	50/00
		97/18
397, 397.1	C 07 J	/00
397.2, 397.25	C 07 J	9/00
397.3–397.5	C 07 J	/00
397.6	C 07 C	147/00
397.7	C 07 C	143/78
		143/80
398	C 07 C	53/00
		57/00
		59/00
	C 09 F	
	C 11 B	
	C 11 C	
398.5	C 11 B	5/00
398.6	C 07 B	33/00
	C 07 C	27/10
		53/126
		57/00
	C 11 B	1/00
		3/00
399	C 08 H	3/00
400–402	C 07 C	143/90
	C 11 D	1/28
402.5	C 08 H	3/00
		9/02
403	A 23 J	7/00
	C 07 F	9/02
		9/10
	C 11 C	3/00
404–404.8	C 09 F	5/00
		7/00
	C 11 C	3/00
405	C 09 F	5/00
	C 11 C	3/00
405.5	C 09 F	5/00
		5/06
405.6	C 09 F	7/08
	C 11 C	3/14
406	C 09 F	7/02
	C 11 C	3/00
407	C 08 H	3/00
		5/00
	C 09 F	7/06
408	C 09 F	7/00
	C 11 C	3/00
409	C 11 C	3/12
410, 410.5, 410.6	C 09 F	5/08
		7/10
	C 11 C	3/00
410.7–410.9	C 11 C	3/02
412	C 09 F	5/00
	C 11 B	1/00
412.1–412.4	C 09 F	5/02
	C 11 B	1/00
412.5	C 11 B	13/00
412.6, 412.7	C 11 B	1/12
412.8	C 11 B	1/10
413, 414	C 11 C	1/00
415, 416	C 11 C	1/04
417, 418	C 11 C	1/04
	C 11 D	13/00
419	C 11 C	1/08
420	C 09 F	5/10
	C 11 B	3/00
421	C 09 F	5/08
	C 11 B	3/02
423	C 11 B	3/08
424	C 11 B	3/04
425–427	C 11 B	3/06
428, 428.5	C 09 F	5/10
	C 11 B	3/00
429	C 07 F	/00
429.1, 429.2	C 07 F	
429.3	C 07 F	7/00
429.5	C 07 F	7/28
429.7	C 07 F	7/22
429.9	C 07 F	3/06
430	C 07 F	1/10

U.S. Class 260—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		1/12
431, 432	C 07 F	3/10
433, 434	C 07 F	3/12
435–437	C 07 F	7/24
438.1	C 07 F	1/08
438.5	C 07 F	11/00
439	C 07 F	15/02
		15/04
		15/06
		17/02
440, 441	C 07 F	9/66
442–445	C 07 F	9/70
446	C 07 F	9/90
447	C 07 F	7/94
448	C 07 F	5/06
453	C 07 C	69/00
		71/00
		118/00
		119/00
		122/00
		137/00
		139/00
		141/00
		143/00
		143/828
	C 07 F	
453.1–453.3	C 07 C	149/14
453.4–453.6	C 07 C	157/14
453.7–453.8	C 07 C	119/16
453.9	C 07 C	127/26
453.99	C 07 C	119/16
454	C 07 C	161/02
		161/04
455	C 07 C	153/00
		154/00
456	C 07 C	137/00
		141/00
		143/68
		145/00
457	C 07 C	141/00
		161/05
458	C 07 C	141/02
		141/10
459	C 07 C	141/04
		141/06
460	C 07 C	139/08
462	C 07 C	107/02
	C 07 F	5/04
463	C 07 C	68/00
		69/96
464	C 07 C	119/02
		120/00
		121/00
465	C 07 C	121/50
		121/60
		121/66
		121/74
		121/75
		121/76
		121/78
465.1	C 07 C	121/14
		121/30
		121/34
		121/40
		121/42
465.2	C 07 C	120/08
		120/10
465.3	C 07 C	120/02
465.4	C 07 C	121/00
		121/38
465.5	C 07 C	121/42
		121/453
465.6	C 07 C	121/34
465.7	C 07 C	121/00
465.8	C 07 C	121/20
		121/28
465.9	C 07 C	121/30
466	C 07 C	77/00
467	C 07 C	77/02
500.5	C 07 C	81/00
		83/00
		119/00
		135/00
		163/00
		165/00
501.1	C 07 C	81/00
		83/00
		87/00
		89/00
		93/00
		95/00
		97/00
		99/00
		163/00
		165/00
	C 07 F	5/02
501.11	C 07 C	101/00
		103/00
501.12	C 07 C	143/00
		145/00
		147/00
		149/00
		153/00
		154/00
		155/00
	C 07 F	9/00
501.13	C 07 C	101/00
		103/00
501.14	C 07 C	123/00
		128/00
		129/00
		157/14
501.15	C 07 C	87/30
		87/46
		87/68
		91/26
		91/38
		91/50
		93/00
		95/00
		97/00
501.16	C 07 C	53/16
		55/00
		61/00
		63/00
		63/68
501.17	C 07 C	83/00
		91/00
		93/00
		95/00
		97/00
		109/06
501.18	C 07 C	83/00
		91/14
		91/16
		91/46
		91/48
		93/00
		95/00
		95/08
		97/06
		97/10
		109/06
501.19	C 07 C	143/00
		145/00
		149/22
		149/24
		149/26
		153/00
		154/00
		155/00
501.2	C 07 C	87/00
		87/14
		109/00
		145/02
501.21	C 07 C	87/00
		87/14
		109/00
		143/00
		145/00
		149/00
		153/00
		154/00
		155/00
	C 07 F	9/02
502	C 07 C	179/00
502.3	C 07 F	5/02
502.4, 502.5	C 07 F	9/02
502.6	C 07 C	143/00
		145/00
		149/44
503	C 07 C	143/00
		149/44
503.5	C 07 C	143/00
		143/20
		143/22
504	C 07 B	45/02
	C 07 C	139/00
	C 07 G	9/00
505	C 07 C	143/24
506	C 07 C	143/00
		157/00
507	C 07 C	143/52
508	C 07 C	143/56
509	C 07 C	143/64
510	C 07 C	143/56
511	C 07 C	143/24
512	C 07 C	143/42
513	C 07 C	143/02
		143/16
513.5	C 07 C	155/00
513.6	C 07 C	143/86
513.7	C 07 C	145/00
543	C 07 C	143/00
		145/00
		153/00
		155/00
	C 07 F	5/02
		9/34
		9/42
		9/46
		9/48
543.1	C 07 C	119/16
		119/16
543.2	C 07 C	119/16
544	C 07 C	51/58
		53/00
		55/00
		57/00
		59/00
		61/00
		63/00
		65/00
		101/00
		125/03
545	C 07 C	153/00
		154/00
		155/00
	C 07 F	5/02
		9/02
546	C 07 C	51/54
		53/00
		55/00
		57/00
		59/00
		61/00
		63/00
		65/00
		101/00
547–549	C 07 C	51/54
		51/56
550	C 07 C	163/00
		165/00
665	C 07 F	1/02
		1/04
		1/06
		3/02
		3/04
684	C 07 B	
685–703	C 07 B	45/00
686	C 07 B	45/02
687	C 07 B	33/00
688	C 07 B	43/02
689–703	C 07 B	43/00
690	C 07 B	
691–703	C 07 B	41/00
692–703	C 07 B	41/04
693–703	C 07 B	41/04
694	C 07 B	39/00
695	C 08 F	1/00
	C 08 G	35/00
696	C 07 B	35/00
698–700	C 07 B	61/00
701–703	C 07 B	63/02
704	B 01 D	
	C 07 B	63/00
705	B 01 D	11/00
706	B 01 D	7/00
		7/02
707	B 01 D	9/00
708	B 01 D	53/14
920	C 07 F	9/02
921	C 07 F	9/02
	C 07 G	
922–924	C 07 F	9/02
925	C 07 F	9/08
		9/16
926	C 07 F	9/02
928, 929	C 07 F	9/02
930	C 07 F	9/02
		9/12
		9/18
931, 932	C 07 F	9/28
933–958	C 07 F	9/02
959	C 07 F	9/24
		9/44
960	C 07 F	9/14
		9/146
		9/20
		9/206
		9/26
		9/42
961	C 07 F	9/32
		9/40
962	C 07 F	9/46
		9/48
963	C 07 F	9/09
		9/165
964–966	C 07 F	9/12
		9/18
967	C 07 F	9/141
		9/165
968–990	C 07 F	9/02

U.S. Class 261

Gas and liquid contact apparatus

(IPC F 02 M)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 01 D	47/00
	B 01 F	3/04
	B 05 B	7/00
	C 10 K	1/08
	F 02 B	
	F 02 M	
	F 22 G	
	F 24 F	
	F 28 B	3/00
2–8	B 01 D	47/00
	C 10 K	1/08
	F 22 D	1/28
16	F 02 M	25/10
17	C 10 K	
18	F 02 M	25/00
		43/00
19–23	B 01 D	47/00
	B 01 F	3/04
	C 10 K	1/08
	F 02 M	
	F 22 D	
	F 24 F	
24–37	B 01 D	47/00
	F 02 M	37/00
		69/02
38	F 02 M	
39	F 02 M	1/10
40–41	F 02 M	11/00
42–72	B 01 D	47/00
	C 10 J	1/00
	C 10 K	1/08
	F 02 M	
	F 24 F	3/14
73	B 05 B	7/24
	C 10 J	1/00
	F 02 M	
	F 24 F	3/14
74	B 01 D	47/02
	C 10 J	1/00
	F 02 M	
75	B 01 D	47/00
	B 01 F	3/04
	C 10 J	1/00
	C 10 K	1/00
	F 02 M	
	F 22 D	
	F 28 C	1/00
76	B 01 D	47/02
	B 01 F	3/04
	B 05 B	7/02
	F 02 M	
77	B 01 D	47/02
	B 05 B	7/02
	F 02 M	17/20
78	B 01 D	47/06
	B 05 B	7/02
	C 10 J	1/12
	C 10 K	1/06
	F 02 M	
79	B 05 B	7/10
80	B 01 F	3/04
81–82	F 02 M	
83	B 01 D	47/16
	B 04 B	5/00
	C 10 J	1/18
	F 02 M	
84–93	B 01 D	47/16
	C 10 J	1/18
	F 02 M	
	F 24 F	3/14
94–99	B 01 D	47/16
	F 02 M	17/28
		29/04
100–107	B 01 D	47/00
	C 10 J	1/10
	F 02 M	17/28
	F 24 F	3/14
108–114	B 01 D	47/00
	C 10 J	1/08
	F 02 M	29/04
115–118	B 01 D	47/06
	C 10 J	1/12
	F 02 M	
119–126	B 01 D	47/02
	C 10 J	1/08
	F 02 M	
127–128	C 10 K	
	F 02 M	15/00
		31/00
	F 24 F	3/12
	F 28	
129–131	C 10 K	
	F 02 M	15/00
		17/28
	F 24 F	11/00
	F 28 C	
133	C 10 K	
	F 02 M	23/00
134	C 10 K	
	F 02 M	23/08
135–136	C 10 K	
	F 02 M	
137	F 02 M	15/00
137–138	C 10 K	
142	F 02 M	15/04
		31/12
143–145	F 02 M	31/04
146–148	F 02 M	11/00
149–150	F 02 M	15/00
151	C 10 K	1/08
	F 22 D	
	F 28 B	3/00
152–156	F 02 M	23/14
		31/00
157	F 02 M	31/00
158–161	F 02 M	
	F 28 C	3/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 264		
Plastic and non-metallic article shaping or treating, processes		
(IPC B 29 C)		
.5	G 21 C	21/00
1.1–2.7	B 29 D	11/00
3	C D6 B	21/00
	D D1 D	
4	A 61 J	5/04
4.1	A 61 J	5/00
	B D1 J	13/02
4.3	A 61 J	5/00
	B D1 J	13/02
4.32	A 61 J	5/00
	B D1 J	13/02
4.33	A 61 J	5/00
	B D1 J	13/02
4.4	A 61 J	5/00
	B D1 J	13/02
4.6	A 61 J	5/00
	B D1 J	13/02
4.7	A 61 J	5/00
	B D1 J	13/02
5–14	B 29 B	9/00
15	B 22 D	11/01
16	A 61 C	13/00
17	A 61 C	13/20
18	A 61 C	13/10
19	A 61 C	13/08
20	A 61 C	31/00
		31/07
21	C D9 K	11/00
22	B D6 B	
	B 29	
	B 29 C	35/02
		35/02
	H 04 R	
	H D5 B	1/00
		3/00
		5/00
		6/00
		7/00
		11/00
23	B D6 B	3/00
24	B D6 B	1/02
25	H D5 B	1/00
		3/00
		6/00
		6/02
		7/00
		11/00
26	B 29 C	35/00
27	B 29	/00
	H D5 B	1/00
		11/00
28	B D5 B	3/00
	B 29 C	35/02
		35/02
29.1	C D1 B	31/00
29.2	D D1 C	5/00
	D D1 F	9/12
29.3–29.7	C D1 B	31/00
30	F 27 D	1/16
31–35	E 04 B	1/16
36	B 32 B	35/00
37	B 27 B	17/00
	B 29 B	17/00
	B 29 C	45/00
		47/00
38	D D1 F	13/00
39	B 28 B	7/04
	B 29	
40.1–40.7	B 28	
	B 29	
	G D1	
41	B 29 C	27/60
41.1–40.7	B 29 C	41/52
42–44	B 29 C	27/60
45.1	B 29 D	
45.2	B 29 C	33/48
45.3	B 29 C	
45.4–45.7	B 29 D	9/00
45.8	B 29 C	43/22
	B 29 D	7/00
45.9, 46.Y	B 29 C	47/00
45.9–46.1	B 29 D	7/00
46.2, 46.3	B 29 D	7/14
46.4	B 29 C	67/00
46.5	B 29 C	65/00
46.6–46.7	B 29 C	67/00
46.8	B 29 C	39/00
46.9	B 29 C	67/00
48–55	B 29 D	
56	C 04 B	33/32
		35/64
	F 27 B	
57–58	F 27 B	9/14
		21/00
59	C D4 B	33/32
60–62	C 04 B	33/34
		33/36
		35/71
		37/00
		41/81
63	C 04 B	35/64
64–66	F 27 B	9/04
		9/10
	F 27 D	7/00
		19/00
		21/00
67	B 28 B	11/00
68	B 29 C	35/00
		35/02
		35/02
69–72	B 28 B	1/08
	B 29 C	43/22
73, 74	B 29 C	41/22
		69/00
75	B 29 C	47/00
		47/00
76	B 29 D	7/14
		9/00
77	B 29 C	41/32
78	B 29 C	41/22
	D D1 F	1/04
		1/06
		2/14
		2/16
79	C 04 B	41/30
80	B 29 C	35/02
		35/02
		67/00
81	B 29 C	
82	C 04 B	40/00
83	B 29 C	
84, 85	B 28	
	B 29	
86, 87	B 28 B	1/26
101–102	B 28	
	B 29	
103	B 29 D	28/00
	D D2 G	1/20
	D D3	
	D 04	
104–105	C 04 B	35/00
106–107	B 29 D	17/00
108	B 29 C	
109	B 27 N	3/00
	D 04 H	
110	B 28 D	1/32
112	D 04 H	1/20
113	D 04 H	1/16
114	D 04 H	
115–116	D 04 H	3/16
	D 21 B	1/04
117	B 29 C	67/00
	C D9 C	1/56
118–122	B 29 C	59/00
	D 04 H	
123	B 29 C	67/24
124	B 27 J	5/00
125	B 29 C	67/00
126	B 27 J	5/00
	D 04 H	1/54
127	B 27 J	5/00
128	D 04 H	1/64
129	B 28	
	B 29	
	B 29 C	59/00
130	B 27 B	17/00
131	B 28 B	11/06
132	C 04 B	41/00
133	C 04 B	41/81
134, 135	B 32 B	3/26
		18/00
		31/12
136, 137	B 29 C	67/00
138	B 28	
	B 29 C	37/02
139	B 32 B	31/00
140–144	B D2 C	
145–146	B 28 B	11/16
147	B 29 D	31/00
148–151	B 29 C	47/00
		53/00
152	B 29 D	31/00
153	B 29 C	
	B 29 D	
154–156	B 28 B	1/48
	B 29 D	19/08
157	B 28 B	11/12
158	B 29 D	7/18
159	B 29 D	7/16
160	B 29 C	37/00
161	B 29 C	37/00
162	B 28 B	11/18
		17/10
163	B 28 B	7/14
164	B 29 C	51/00
		53/00
165, 166	B 28 B	11/18
	B 29 C	39/14
		41/24
		43/22
	B 29 D	7/00
167	D D1 D	5/20
168	D D1 D	5/22
169–170	D D1 D	1/10
171, 172	B 29 C	63/00
	B 32 B	31/30
173	B 32 B	31/30
	D 01 F	1/08
		2/20
174	D D1 D	13/06
175	B 29 D	7/14
176	B 28 B	3/20
	B 29 C	47/00
177	B 28 B	21/54
178	D D1 D	5/08
179	D D1 F	13/00
180	D D1 D	
181	D D1 D	5/14
182	D 01 F	6/18
183	D D1 F	9/00
184	D D1 F	6/00
185	D D1 F	6/14
186	D D1 F	9/00
187	D D1 F	2/00
188	D D1 F	2/06
189–194	D 01 F	2/08
195	D D1 F	11/02
196	D D1 F	2/06
197	D D1 F	11/02
198	D D1 F	11/02
199	D D1 F	2/04
200	D D1 F	2/28
201	D D1 F	9/02
202	D D1 F	4/00
203, 204	D D1 F	/00
205	D D1 F	6/00
206	D D1 F	6/18
208	D D1 F	11/02
209	B 29 C	67/00
209.1–209.8	D D1 D	5/24
210.1	D D1 D	5/12
210.2	D D1 D	5/16
210.3	D D1 D	5/12
210.4	D D6 M	13/00
210.5	D D1 D	5/12
210.6	B 29 C	47/00
	D D1 F	1/10
210.7	B 29 D	7/24
	D D1 D	5/12
210.8	D D1 D	5/12
211	D D1 F	1/02
212–218	B 29 D	7/00
219	B 29 C	33/40
220	B 29 C	33/40
221–227	B 29 C	33/40
225	B 29 C	67/00
228	B 28 B	9/04
229	B 29 C	
230	B 29 C	41/00
		61/00
231	B 29 C	
232	B 28 B	11/00
	B 29 D	7/20
233	B 29 B	15/00
234–237	B 29 C	71/00
235.6	D D2 J	1/20
235.8	B 29 C	71/00
238	B 28	
	B 29	
239	B 27 N	3/08
	B 28 B	19/00
	B 29 C	51/00
		53/00
240	B 29	
241	B 28 B	9/00
	B 29 C	63/00
		65/00
		69/00
242	B 32 B	
243	B 29 D	31/00
244	A 43 D	65/00
245–247	B 29 C	39/12
248, 249	B 29 C	65/00
250, 251	B 28 B	9/00
252	B 29 D	5/00
253	E 04 C	
254, 255	B 28 B	7/22
256	B 28 B	1/16
257	B 27 N	3/10
	B 29 C	
258	B 29 C	
	B 32 B	31/04
259–260	B 29 C	
261	B 32 B	31/06
262	B 32 B	31/06
263–267	B 29 C	
268, 269	B 29 C	
270	B 29 C	
271.1	B 29 B	13/00
272.11–272.21	B 29 C	
273–279	B 29 C	
279.1	B 29 C	
280	B 29 C	43/22
	D D2 J	
281	B 29 C	53/00
		55/00
282	B 31 F	1/12
283	B 31 F	1/14
284	B 29 C	49/00
285	B 29 C	53/00
		53/00
		55/00
286, 287	B 31 F	1/20
288.4	B 29 C	55/00
	B 29 D	7/24
	D D2 J	1/22
288.8	D D2 J	1/06
289.3	D D2 J	1/22
289.6	B 29 D	7/22
	D D2 J	1/22
290.2	B 29 D	7/22
290.5	D D2 J	1/22
290.7	D D1 D	5/16
291, 292	B 28 B	11/08
	B 29 C	55/00
	B 29 D	7/24
293	B 28 B	11/08
	B 29 C	59/00
294–296	B 29	
297.1–297.9	B 28 B	3/06
		5/00
298	B 29 C	39/00
		41/00
299	B 28 B	1/14
	B 29 C	39/00
		39/02
		39/22
		41/00
		41/02
		41/34
300	B 29	
301	B 28 B	1/38
302	B 29	
	B 29 C	41/18
	G D1 V	9/00
303	B 28 B	1/38
304	B 28 B	1/38
305–307	B 28 B	1/38
308	B 28 B	1/14
		3/10
309	B 28 B	1/32
	B 29 C	41/08
310	B 28 B	1/02
311	B 28 B	1/20
312	B 28 B	1/46
313	B 28 B	7/30
314	B 28 B	7/32
315	B 29 C	35/00
316	B 29 C	33/58
317	B 29 C	33/78
318	B 28 B	7/20
	B 29 D	1/00
319	B 27 N	3/18
	B 28 B	3/00
	B 29 C	41/46
31940.7	B 29 C	43/00
319	B 29 C	43/02
		43/32
		51/00
	B 29 D	
320	B 29	
322, 323	B 29	
324	D 21 J	3/00
325	B 29 C	43/00
326	B 29 C	35/00
327	B 29	
328.1–328.9	B 29 B	7/00
	B 29 C	45/00
328.11–328.19	B 29 C	45/00
332	C 04 B	35/60
333	B 28 B	3/00
334	B 28 B	7/10
		13/06
	B 29 C	41/42
335	B 28 B	7/12
336	B 28 B	7/10
337	B 29 C	33/40
338	B 28 B	7/36
339	B 29 C	53/00
		55/00
340	B 27 N	7/00
	B 29 B	15/00
	B 29 C	35/02
		35/02
		71/00
	B 29 D	7/20
341	B 29 C	71/00
342–348	B 29 B	17/00
	B 29 C	71/00
349	B 29 B	7/00
		15/00
500	B 29 C	
		43/00
		43/02
		43/10
		43/32
	B 29 D	24/00
501, 502	B 29 D	30/00
		30/26
503–509	B 29 C	
		43/22
		59/00
510–514	B 29 C	45/00
		47/00
	B 29 D	9/00
515, 516	B 29 C	45/14
517, 518	B 27 N	1/00
	B 29 C	43/22
519–522	B 29 C	35/02
		35/02
		43/02
		49/00
		71/00
523–543	B 29 C	39/02
		43/02

U.S. Class 264—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		45/00
		47/00
		49/00
		49/08
		67/00
	B 29 D	22/00
544–554	B 29 C	43/02
		49/00
		51/00
	B 29 D	24/00
		29/00
		29/06
		29/08
		29/08
555	B 29 C	
		39/14
		43/22
556	B 29 C	41/00
563	B 29 C	57/00
564–569	B 29 C	49/00
	B 29 D	7/08
		7/10
		7/14
		7/16
		7/18
		7/20
		7/22
		7/24
570, 571	B 29 C	
		43/10
		49/00
572–574	B 29 D	22/00

U.S. Class 266

Metallurgical apparatus

(IPC C 21)

U.S. Subclass	IPC Subclass	IPC Notation
44	C 21 B	13/00
		15/00
45	C 21 B	7/12
46	C 21 B	7/10
47	C 21 B	7/16
48	B 23 K	7/00
49	B 23 K	7/08
50	B 23 K	7/00
51, 52	B 23 K	7/06
53	B 23 K	7/08
54	B 23 K	7/04
55, 56	B 23 K	7/04
		7/10
		37/02
57	B 23 K	7/04
		37/04
58	B 23 K	7/10
		37/00
	B 23 Q	27/00
59, 60	B 23 K	7/10
		37/00
	B 23 Q	27/00
		35/00
61	B 23 K	7/10
		37/04
	B 23 Q	27/00
		35/00
62–64	B 23 K	7/10
		37/00
	B 23 Q	27/00
		35/00
65	B 23 K	37/04
66–72	B 23 K	7/10
73	B 23 K	7/08
		7/10
74, 75	B 23 K	7/08
76, 77	B 23 K	7/10
78	C 21 D	11/00
79–81	C 21 B	7/24
	C 21 D	11/00
82–86	C 21 B	5/02
	C 21 D	11/00
87–98	C 21 D	11/00
99, 100	C 21 B	7/24
101	C 22 B	3/00
		9/02
		11/04
		13/08
		15/08
		15/10
		17/04
		19/22
		19/24
		23/04
		25/04
102	C 21 D	9/52
103	C 21 D	9/54
104	C 21 D	9/62
105	C 21 D	9/54
		9/56
106	C 21 D	9/56
107	C 21 D	1/46
		9/58
108	C 21 D	9/54
		9/56
109	C 21 D	9/52
110	C 21 D	1/74
		1/76
111	C 21 D	9/56
112, 113	C 21 D	1/62
		9/54
114	C 21 D	1/00
		1/62
		9/00
115	C 21 D	7/00
		9/68
116	C 21 D	1/62
		1/64
		9/02
117	C 21 D	9/00
118	C 21 D	9/32
119	C 21 D	9/00
120	C 21 D	1/46
121	C 21 D	1/44
		1/62
122	C 22 B	3/02
123	C 21 D	1/62
		9/08
124	C 21 D	1/62
		9/00
125	C 21 D	9/30
		9/32
126	C 21 D	9/32
127	C 21 D	1/62
		1/70
128	C 21 D	1/10
		1/40
129	C 21 D	1/10
		1/42
		1/62
130–134	C 21 D	1/62
		9/00
135, 136	C 21 B	9/10
	C 21 C	5/42
		5/46
137	C 22 B	1/00
		1/14
		19/02
138	C 21 B	9/14
139–141	C 21 B	9/00
142, 143	C 21 B	7/00
		13/06
		13/14
144–159	C 21 B	7/22
	C 21 C	5/38
		5/40
160	C 21 B	
	C 21 C	
	C 22 B	
161	C 22 B	1/00
		3/00
		5/00
162	C 21 B	13/14
	C 21 C	5/00
	C 22 B	1/00
		3/00
		5/00
163	C 21 B	11/06
		13/08
	C 22 B	1/216
164	C 21 B	11/02
		13/02
	C 22 B	1/214
165	C 21 B	3/10
		11/00
166	C 21 B	7/00
167	C 21 B	15/00
168	C 21 B	
	C 22 B	
169	C 22 B	11/10
170	C 22 B	13/03
		15/12
171	C 21 B	7/00
	C 22 B	1/00
		4/08
172	C 22 B	1/10
		5/14
173	C 21 B	11/06
		13/08
	C 22 B	1/216
174	C 21 B	7/24
175	C 21 B	7/00
	C 22 B	1/00
176–183	C 21 B	7/16
		7/18
	C 22 B	1/00
184	C 21 B	7/18
185	C 22 B	1/16
186–188	C 21 B	7/16
	C 21 C	5/46
		5/48
189	C 21 B	7/10
		9/16
190	C 21 B	7/10
191	C 21 B	7/10
		7/14
192–194	C 21 B	7/10
195, 196	C 21 B	7/14
197, 198	C 21 B	7/08
		11/02
		13/02
	C 22 B	1/214
199	C 21 B	7/08
200	C 21 C	
201	C 21 B	3/06
	C 21 C	1/00
202	C 21 C	1/00
203	C 21 C	3/00
	F 27 B	3/00
204	C 22 B	9/02
205	C 22 B	7/04
206	C 22 B	7/00
207–211	C 21 C	7/10
212, 213	C 21 C	1/00
214	C 21 C	5/04
215	C 21 C	1/00
		5/42
216, 217	C 21 C	7/00
218–222	C 21 C	5/48
223	C 21 C	5/30
224	C 21 C	5/48
225	C 21 C	5/32
226	C 21 C	5/30
227–232	C 21 B	3/04
		7/14
	C 21 C	7/00
233–235	C 21 C	7/00
236–239	C 21 C	5/42
240	C 21 C	5/50
241	C 21 C	1/00
		5/00
242	C 22 B	7/00
243, 244	C 21 C	5/42
245–247	C 21 C	5/50
248	C 21 B	13/08
	C 22 B	7/00
249	C 21 B	1/00
		5/00
		6/00
		9/00
250	C 21 D	1/74
		1/76
251–258	C 21 D	1/06
		1/74
259, 260	C 21 D	1/62
261	C 21 D	1/08
262–264	C 21 D	1/12
265–270	C 21 B	7/16
271–273	C 21 C	5/48
274–279	C 21 B	3/00
280–285	C 21 B	7/04
		7/06
	C 21 C	5/44
286	C 21 B	7/02
	C 21 C	5/44
287	B 23 K	
	C 21 B	
	C 21 C	
	C 21 D	
	C 22 B	
	C 22 C	
	C 22 F	
	F 27 B	

U.S. Class 267

Spring devices

(IPC F 16 F)

U.S. Subclass	IPC Subclass	IPC Notation
1.5	F 16 F	1/34
		9/36
2	B 60 G	
	B 61 F	5/04
	F 16 F	
3, 4	B 61 F	5/04
	F 16 F	1/04
5	B 62 B	9/18
6, 7	B 60 G	
8–10	B 60 G	13/00
		15/00
	F 16 F	9/00
		11/00
11–14	B 60 G	21/00
15	B 60 G	11/00
16–18	B 60 G	11/36
19	B 60 G	11/02
20	B 60 G	11/14
21	B 60 G	11/22
22	B 60 G	11/32
23–32	B 60 G	11/34
33	B 60 G	11/52
34	B 60 G	11/56
35	B 60 G	11/62
36–56	B 60 G	11/02
	F 16 F	1/18
57–59	B 60 G	11/18
	F 16 F	1/14
60–62	B 60 G	11/14
	F 16 F	1/04
63	B 60 G	11/22
	F 16 F	1/36
64.11	F 16 F	5/00
64.12	F 16 F	5/00
64.13	F 16 F	5/00
		9/10
64.14	F 16 F	5/00
64.15	F 16 F	9/14
64.16	B 60 G	17/00
	F 16 F	5/00
64.17	B 60 G	17/00
	F 16 F	9/14
64.18	F 16 F	9/342
64.19	F 16 F	9/04
64.21	F 16 F	9/04
64.22	F 16 F	9/342
64.23	F 16 F	9/04
64.24	F 16 F	9/04
64.25	F 16 F	9/22
64.26	F 16 F	5/00
64.27	F 16 F	9/04
64.28	F 16 F	9/43
66–68	B 60 G	1/00
		13/00
		25/00
69–74	F 16 F	1/00
		9/00
75	F 16 F	13/00
		15/02
80	F 16 F	3/00
		5/00
		9/36
81–84	F 16 F	3/10
		5/00
		13/00
85–89	F 16 F	3/00
90	F 16 F	3/00
		15/00
91–101	F 16 F	3/04
102–112	F 16 F	3/00
113	A 47 C	27/08
	F 16 F	5/00
		9/00
114	F 16 F	5/00
		9/00
115	B 61 G	9/08
		11/12
	F 16 F	5/00
		9/00
116	B 61 G	11/12
	F 16 F	5/00
		9/00
117	A 47 C	25/00
		27/08
	F 16 F	5/00
		9/00
118–120	F 16 F	5/00
		9/00
121	F 16 F	5/00
		9/00
		13/00
122, 123	F 16 F	5/00
124, 125	F 16 F	9/18
126	F 16 F	9/18
		9/43
127, 128	F 16 F	9/18
129	F 16 F	9/18
		9/36
130	F 16 F	7/00
131	A 47 C	7/14
	F 16 F	1/00
132	B 62 J	1/02
	F 16 F	1/00
133	A 47 C	7/14
	F 16 F	1/00
		3/00
135	F 16 F	1/00
		3/06
136–140	F 16 M	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
140.1–140.5	F 16 M	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
141.1–141.7	F 16 F	7/00
142	A 47 C	23/00
	F 16 F	1/00
		25/00
143	A 47 C	23/30
	F 16 F	1/00
		25/00
144	F 16 F	25/00
144–146	F 16 F	1/00
144146	A 47 C	23/00
147–149	F 16 F	1/36
150	F 16 F	1/00
151	F 16 F	3/02
152	F 16 F	3/08
153	F 16 F	1/36
154	F 16 F	1/14
155	F 16 F	1/06
156	F 16 F	1/10
157	F 16 F	1/06
158–160	F 16 F	1/18
161	F 16 F	1/34
162	F 16 F	1/20
		1/34
163	F 16 F	1/18
164–165	F 16 F	1/20
166–167	F 16 F	1/06
168	F 16 F	1/06
		3/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 267—Con.		
169	F 16 F	1/06
170–179	F 16 F	1/06
		1/12
180	F 16 F	1/06
181–182	F 16 F	1/00
U.S. Class 269		
Work holders		
(IPC B 25 B)		
1, 2	B 25 B	3/00
3–7	B 25 B	1/00
8	B 25 B	11/00
9–11	B 23 Q	3/00
	B 25 B	1/00
12	B 23 Q	5/00
12.3	B 23 Q	5/027
		5/033
13–20	B 23 Q	3/00
	B 25 B	1/00
21	B 25 B	11/00
22–35	B 23 Q	3/08
36	B 25 B	5/14
37–45	B 25 B	1/20
46–48	B 23 Q	1/00
48.1	B 23 Q	3/14
48.2–48.4	B 23 Q	3/00
49–54	B 23 Q	1/00
54.1–54.5	B 23 Q	1/00
55–57	B 23 Q	1/04
		1/06
		1/08
		1/10
58–64	B 23 Q	3/18
65–70	B 23 Q	1/04
71–73	B 23 Q	1/04
	B 25 B	1/22
74–85	B 23 Q	1/04
		1/12
	B 25 B	1/22
86–87.2	B 25 B	1/00
	B 43 L	5/00
87.3	B 25 B	1/00
88–90	B 25 B	1/00
	B 43 L	5/00
91–103	B 23 Q	3/02
104–125	B 25 B	5/14
126–131	B 25 B	1/04
132	B 25 B	1/20
133–138	B 23 Q	3/02
139–151	B 25 B	1/02
152–157	B 25 B	1/00
158, 159	B 25 B	1/16
160	B 25 B	1/00
161	B 25 B	1/04
162	B 25 B	1/08
163	B 25 B	1/00
164–215	B 25 B	1/02
		5/02
216–227	B 25 B	1/06
		1/16
228	B 25 B	1/14
		5/12
229–236	B 25 B	1/08
		5/08
237–239	B 25 B	1/04
		5/04
240–245	B 25 B	1/10
		5/10
246, 247	B 25 B	1/10
		5/00
		5/10
248–253	B 25 B	1/10
		5/00
		5/06
		5/10
254, 256	B 25 B	1/00
257–286	B 25 B	1/24
		5/16
287–320	B 23 Q	3/00
322–328	A 61 G	13/00
329	B 23 Q	3/00
U.S. Class 270		
Sheet-material associating or folding		
(IPC B 65 H)		
1.1	B 41 F	13/54
4–9	B 41 F	13/58
10–16	B 41 F	13/64
17	B 41 F	13/68
18, 19	B 41 F	13/64
20.1, 21.1	B 41 F	13/56
22.1	B 41 F	3/20
30, 31	B 65 H	29/46
32	B 41 L	43/00
37	B 41 L	43/12
38	B 41 L	43/10
39	B 41 L	1/32
40	B 41 L	1/30
41	B 41 L	43/04
42	B 41 L	43/08
43	B 41 L	43/10
44	B 41 L	43/14
45, 46	B 42 C	1/00
47	B 42 C	1/04
48	B 42 C	1/10
49, 50	B 42 C	1/04
51	B 42 C	1/10
52	B 65 H	39/00
52.5	B 65 H	41/00
53	B 42 B	1/02
		2/00
54	B 65 H	39/02
55	B 65 H	5/30
56	B 65 H	43/02
57	B 65 H	5/30
58	B 65 H	39/02
		39/045
		39/05
		39/055
		39/065
		39/07
		39/075
59	B 65 H	43/00
60	B 65 H	39/08
95	B 65 H	33/04
U.S. Class 271		
Sheet feeding or delivering		
(IPC B 65 H)		
1, 2	B 65 H	5/00
3–7	B 65 H	5/22
8	B 65 H	7/00
9	B 65 H	3/44
		5/26
10	B 65 H	5/00
11–15	B 65 H	5/08
16, 17	B 65 H	3/42
18	B 65 H	3/00
18.1, 18.2	B 65 H	3/16
18.3	B 65 H	3/22
19–23	B 65 H	3/30
24, 25	B 65 H	7/18
30, 31	B 65 H	3/08
33	B 65 H	3/20
34, 35	B 65 H	3/04
37	B 65 H	1/22
38	B 65 H	1/18
42	B 65 H	3/24
65, 66	B 65 H	29/66
67	B 65 H	29/68
69	B 65 H	29/68
70	B 65 H	29/68
72	B 65 H	29/34
73	B 65 H	29/26
81	B 65 H	29/22
82	B 65 H	29/06
83	B 65 H	29/38
84	B 65 H	29/46
85	B 65 H	29/10
90	B 65 H	3/08
91–93	B 65 H	3/40
94–96	B 65 H	3/12
97, 98	B 65 H	3/14
99–103	B 65 H	3/08
104	B 65 H	3/34
105, 106	B 65 H	3/46
107, 108	B 65 H	3/08
109	B 65 H	3/06
110, 111	B 65 H	7/08
112	B 65 H	3/64
113	B 65 H	3/32
114–120	B 65 H	3/06
121–125	B 65 H	3/52
126–130	B 65 H	1/08
131	B 65 H	3/24
132	B 65 H	3/64
133	B 65 H	3/60
134	B 65 H	3/50
135	B 65 H	3/46
136	B 65 H	7/00
137, 138	B 65 H	3/52
139, 140	B 65 H	3/36
141	B 65 H	3/22
142, 143	B 65 H	3/24
144, 145	B 65 H	1/00
146	B 65 H	3/62
147, 148	B 65 H	1/08
149, 150	B 65 H	1/02
151	B 65 H	1/22
152, 153	B 65 H	1/18
154, 155	B 65 H	1/16
156	B 65 H	1/14
157	B 65 H	1/26
158, 159	B 65 H	1/30
160	B 65 H	1/10
		1/12
161–163	B 65 H	1/00
164	B 65 H	1/22
165	B 65 H	1/06
166	B 65 H	1/24
167	B 65 H	3/34
168	B 65 H	3/58
169	B 65 H	3/56
170	B 65 H	3/54
171	B 65 H	1/00
175	B 65 H	29/54
176	B 65 H	43/00
177	B 65 H	29/38
178	B 65 H	29/40
179	B 65 H	29/42
180, 181	B 65 H	29/44
		29/46
182, 183	B 65 H	29/68
184–187	B 65 H	29/00
188	B 65 H	29/70
189	B 65 H	29/34
190–192	B 65 H	29/26
193	B 65 H	29/30
194, 195	B 65 H	29/24
196, 197	B 65 H	29/32
198, 199	B 65 H	43/04
200, 201	B 65 H	29/50
202	B 65 H	29/66
203	B 65 H	29/68
204–206	B 65 H	29/04
207–209	B 65 H	31/00
210	B 65 H	31/38
211	B 65 H	31/00
212	B 65 H	31/08
213, 214	B 65 H	31/04
215	B 65 H	43/04
216	B 65 H	29/66
217	B 65 H	31/10
218	B 65 H	31/12
219	B 65 H	31/14
220	B 65 H	31/26
221, 222	B 65 H	31/36
223, 224	B 65 H	31/20
225	B 65 H	5/00
226	B 65 H	9/00
227, 228	B 65 H	7/02
229–231	B 65 H	9/14
232	B 65 H	9/08
233	B 65 H	9/10
234–240	B 65 H	9/00
241	B 65 H	9/12
242–247	B 65 H	9/04
248–252	B 65 H	9/16
253–255	B 65 H	9/04
256, 257	B 65 H	7/00
258, 259	B 65 H	7/02
260	B 65 H	7/12
261	B 65 H	7/08
262, 263	B 65 H	7/12
264	B 65 H	5/00
265	B 65 H	7/02
266–269	B 65 H	5/12
270	B 65 H	5/34
271	B 65 H	5/16
272–277	B 65 H	5/02
		5/04
278, 279	B 65 H	29/00
280–286	B 65 H	287/64
287–305	B 65 H	39/10
306–313	B 65 H	29/54
314, 315	B 65 H	29/20
U.S. Class 272		
Amusement and exercising devices		
(IPC A 63 B)		
1	A 63 G	31/00
2	A 63 G	31/00
	E 04 H	
3	A 63 J	3/00
4	A 63 K	1/00
		3/00
5	A 63 K	1/00
6	A 63 J	5/12
7	A 63 G	1/00
8	A 63 J	3/00
		5/00
14	A 63 J	5/04
15	A 63 J	5/02
16–18	A 63 G	31/16
	A 63 J	5/00
19	A 63 J	11/00
20	A 63 J	23/00
21	A 63 J	5/00
22, 23	A 63 J	1/02
24–26	A 63 J	5/00
27	A 63 J	23/00
28, 29	A 63 G	1/00
30	A 63 G	1/32
31	A 63 H	13/20
32	A 63 G	3/00
33	A 63 G	1/12
34	A 63 G	1/08
		1/10
35–43	A 63 G	1/00
44, 45	A 63 G	1/34
46	A 63 G	1/00
47	A 63 G	1/06
48–51	A 63 G	1/00
52–53.2	A 63 G	17/00
54–56	A 63 G	11/00
56.5	A 63 G	21/00
61	A 63 B	7/02
62	A 63 B	1/00
63	A 63 B	3/00
64	A 63 B	5/12
65	A 63 B	5/00
66	A 63 B	5/08
		5/10
67	A 63 B	5/00
68	A 63 B	11/08
		21/14
		21/30
69	A 63 B	23/06
70	A 63 B	1/00
		3/00
		23/04
70.1, 70.2	A 63 B	25/00
70.3, 70.4	A 61 H	3/00
71	A 63 B	31/00
72	A 63 B	69/06
73	A 63 B	21/00
		23/04
		69/16
74	A 63 B	5/22
75	A 63 B	5/20
76	A 63 B	69/00
77, 78	A 63 B	69/00
85	A 63 G	9/00
86–92	A 63 G	9/16
93	A 63 B	
94, 95	A 63 B	23/00
96	A 63 B	23/04
97	A 63 B	69/18
98	A 63 B	69/02
99	A 63 B	23/00
100	A 63 B	5/00
101	A 63 K	3/04
102, 103	A 63 B	5/02
104	A 63 B	5/06
105	A 63 K	3/02
106	A 63 B	65/04
107	A 63 B	65/10
108	A 63 B	65/06
109	A 63 B	
110	A 63 B	9/00
111	A 63 B	7/08
112	A 63 B	7/04
113	A 63 B	
114	A 63 B	25/08
115	A 63 B	
116	A 63 B	21/00
117, 118	A 63 B	21/06
119	A 63 B	21/12
120, 121	A 63 B	21/00
122	A 63 B	11/00
123	A 63 B	13/00
124	A 63 B	15/00
125–128	A 63 B	21/00
129	A 63 B	21/24
130, 131	A 63 B	21/00
132	A 63 B	21/22
133, 134	A 63 B	21/00
135	A 63 B	21/02
136	A 63 B	21/04
137–142	A 63 B	21/02
143	A 63 B	21/00
144–146	A 63 B	
U.S. Class 273		
Amusement devices, games		
(IPC A 63 B)		
1	A 63 B	67/00
	A 63 F	9/00
1.5	A 63 B	63/00
		71/00
	A 63 C	19/00
2	A 63 D	13/00
		15/00
3	A 63 D	15/00
4	A 63 D	15/04
5	A 47 C	13/00
	A 63 D	15/04
6, 7	A 63 D	15/00
8, 9	A 63 D	15/06
10–13	A 63 D	15/00
14	A 63 D	13/00
		15/00
17–21	A 63 D	15/16
22	A 63 D	15/00
23, 24	A 63 D	15/10
25	A 63 B	71/00
	A 63 C	69/00
26	A 63 B	69/40
27	A 63 C	19/12
28	A 63 B	37/00
		47/00
		65/12
29	A 63 B	61/00
		69/38
30	A 63 B	39/00
		59/04
		61/00
		67/04
31	A 63 C	19/06
		19/08
32	A 63 B	55/00
		57/00
		67/02
		71/00

U.S. Subclass	IPC Subclass	IPC Natatian
U.S. Class 273—Con.		
33, 34	A 63 B	57/00
35	A 63 B	69/36
37	A 63 D	1/00
38, 39	A 63 D	5/00
40	A 63 D	7/00
41–45	A 63 D	5/00
46	A 63 D	5/08
47–49	A 63 D	5/02
50	A 63 B	71/06
	A 63 D	5/00
51	A 63 D	1/04
		1/08
52	A 63 D	5/06
53	A 63 D	1/00
54	A 63 D	5/00
55	A 63 B	67/00
56	A 63 B	59/10
		67/00
57	A 63 B	67/04
58	A 63 B	37/00
		39/00
		41/00
		43/00
59	A 63 B	37/00
60	A 63 B	37/06
		37/12
61	A 63 B	39/00
62	A 63 B	37/00
63, 64	A 63 B	37/00
65	A 63 B	41/00
67	A 63 B	59/00
68, 69	A 63 D	15/08
70, 71	A 63 D	15/12
72	A 63 B	59/06
73	A 63 B	49/00
74	A 63 B	49/16
		49/18
75	A 63 B	49/08
76	A 63 B	59/04
77	A 63 B	53/00
78	A 63 B	53/04
79	A 63 B	53/06
80	A 63 B	53/10
		53/12
80.2–80.8	A 63 B	53/02
80.9	A 63 B	53/10
		53/12
81	A 63 B	53/14
81.2–81.6	A 63 B	53/14
82	A 63 B	9/00
83	A 63 B	59/10
84	A 63 B	59/00
85	A 63 F	7/06
86	A 63 F	9/14
87	A 63 F	7/06
87.2, 87.4	A 63 F	7/06
88	A 63 F	7/06
89	A 63 F	
		7/22
90–94	A 63 F	7/06
108–117	A 63 B	67/14
118	A 63 D	3/00
		13/00
	A 63 F	7/00
119–122	A 63 D	3/02
	A 63 F	7/22
123–125	A 63 F	7/00
126	A 63 F	3/00
127–129	A 63 B	71/00
138	A 63 B	71/00
	A 63 F	1/00
139–144	A 63 B	71/00
	A 63 F	1/18
145, 146	A 63 F	9/04
147	A 63 F	5/04
148	A 63 B	71/00
	A 63 F	9/00
149	A 63 F	1/12
		1/14
150, 151	A 63 F	1/10
153, 154	A 63 F	9/06
155, 156	A 63 F	9/08
157	A 63 F	9/10
		9/12
158–160	A 63 F	9/08
161	A 63 F	1/00
		3/00
		9/00
		9/18
162–164	A 63 B	53/00
165, 166	A 63 B	53/14
167, 168	A 63 B	53/04
169–172	A 63 B	53/08
173–175	A 63 B	53/04
176	A 63 B	67/02
177–180	A 63 B	57/00
181–200	A 63 B	69/36
201–212	A 63 B	57/00
213	A 63 B	43/00
214	A 63 B	37/02
215	A 63 B	37/08
216–218	A 63 B	37/00
219	A 63 B	37/02
220–229	A 63 B	37/00
230	A 63 B	37/02
231	A 63 B	37/08
232	A 63 B	37/14
233–235	A 63 B	37/12
236–241	A 63 F	3/00
242	A 63 F	3/02
243–257	A 63 F	3/00
258–264	A 63 F	3/02
265–267	A 63 F	3/00
268	A 63 F	3/08
269–271	A 63 F	3/06
272, 273	A 63 F	3/00
274	A 63 F	3/08
275–291	A 63 F	3/00
292	A 63 F	1/00
		9/20
293–296	A 63 F	1/02
		9/20
297–308	A 63 F	1/00
		9/20
309	A 63 F	9/00
310–312	A 63 B	67/00
	F 41 J	1/00
		5/00
		7/00
		9/00
313–316	A 63 B	67/00
	F 41 J	1/00
		5/00
317	A 63 B	63/00
		65/00
		67/00
		69/40
	A 63 F	9/02
	F 41 J	1/00
		3/00
		5/00
		7/00
		9/00
318–330	A 63 B	59/02
		65/12
331–335	A 63 B	63/00
		67/06
		67/10
340	A 63 B	67/00
341	A 63 B	67/12
342	A 63 B	67/00
343–347	A 63 B	63/00
		65/00
		67/00
	F 41 J	3/00
348	A 63 B	63/00
		67/00
		69/40
	A 63 F	9/02
	F 41 J	1/00
		3/00
		5/00
		7/00
		9/00
		9/12
348.1	F 41 J	1/00
		1/00
		7/00
		7/00
		9/13
		9/13
349	A 63 B	67/00
350	A 63 B	63/00
351	A 63 B	67/00
352	A 63 B	63/00
353	A 63 B	67/02
		67/12
354	A 63 B	63/00
355–357	A 63 B	65/00
355	A 63 B	65/12
		69/40
	F 41 J	1/02
358	F 41 J	9/14
359	A 63 B	63/00
		67/00
360, 361	F 41 J	9/08
362–365	F 41 J	9/16
366–370	A 63 B	63/00
	F 41 J	9/00
371–377	F 41 J	5/02
		5/04
		5/08
		5/12
378–380	F 41 J	1/16
		5/00
		7/04
381, 382	F 41 J	5/06
383–393	F 41 J	1/16
383	F 41 J	5/00
		7/04
394–402	A 63 B	63/00
	F 41 J	1/00
		3/00
403	F 41 J	3/00
404	F 41 J	1/12
405	A 63 B	63/00
		65/00
		67/40
	F 41 J	1/02
406, 407	F 41 J	1/10
		1/20
		7/02
408	F 41 J	3/02
409	F 41 J	1/00
410	F 41 J	1/12
411	A 63 B	67/00
		67/18
412	A 63 B	67/00
413, 414	A 63 B	67/10
415	A 63 B	65/00
416–423	A 63 B	65/02
424, 425	A 63 B	65/10
426	A 63 B	65/08
427	A 63 B	65/00
		65/10
428	A 63 B	65/00

U.S. Class 276

Type setting

(IPC B 41 B)

1	B 41 B	3/00
2–7	B 41 B	11/00
8	B 41 B	11/38
9–11	B 41 B	11/44
12–16	B 41 B	11/18
17	B 41 B	11/24
18, 19	B 41 B	11/18
20, 21	B 41 B	11/26
22–27	B 41 B	3/04
28–33	B 41 B	3/06
34	B 41 B	1/00
35	B 41 B	1/16
36, 37	B 41 B	1/06
38, 39	B 41 B	1/26
40	B 41 B	1/28
41–43	B 41 B	1/20
44, 45	B 41 B	1/22

U.S. Class 277

Joint packing

(IPC F 16 J)

U.S. Subclass	IPC Subclass	IPC Natatian
1, 2	E 21 B	33/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
3	E 21 B	33/00
	F 16 J	15/00
		15/40
	F 16 K	41/00
4	E 21 B	33/00
	F 16 J	15/00
	F 16 K	41/02
5	E 21 B	33/00
	F 16 J	15/00
	F 16 K	41/00
	F 16 L	21/02
6–8	E 21 B	33/00
	F 16 J	15/00
	F 16 K	41/00
	F 16 L	33/16
9	F 16 J	9/00
		15/00
	F 16 K	41/00
		43/00
9.5–11	F 16 J	9/00
		15/00
	F 16 K	41/00
12	F 02 F	
	F 16 J	9/00
		15/00
13, 14	F 16 J	15/16
		15/42
		15/44
15, 16	F 16 J	15/00
		15/16
		15/40
17–21	B 65 D	53/00
	F 16 J	15/00
		15/40
		15/44
22	F 02 F	11/00
	F 16 J	15/00
		15/40
		15/44
23	B 65 D	53/00
	F 16 J	15/00
		15/40
	F 16 L	17/00
24	E 21 B	33/08
	F 16 J	15/00
		15/16
	F 16 K	41/00
25	F 16 J	15/16
		15/42
		15/44
26	F 02 F	5/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
27	F 16 J	15/16
		15/40
	F 16 L	17/00
28, 29	F 02 F	11/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
30	E 21 B	33/00
	F 02 F	11/00
	F 16 J	15/16
31	E 21 B	33/00
	F 16 J	15/16
	F 16 K	41/00
32	F 02 F	5/00
		11/00
	F 16 J	15/00
	F 16 K	41/00
33	F 16 J	15/00
	F 16 K	41/00
		43/00
34–34.6	E 21 B	33/00
	F 16 J	15/46
	F 16 K	41/00
	F 16 L	33/16
35–37	B 65 D	53/00
	F 16 J	
	F 16 K	41/00
38–43	F 16 J	9/00
		15/40
	F 16 K	41/00
44–52	B 65 D	53/00
	F 16 J	
	F 16 K	41/00
53–57	F 02 F	11/00
	F 16 J	15/48
58	E 21 B	33/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
59	B 65 D	53/00
	F 16 J	15/00
		15/40
		15/44
60	B 65 D	53/00
	F 16 J	15/16
	F 16 K	41/00
61–63	F 16 J	9/00
		15/00
	F 16 K	41/00
64	B 65 D	53/00
	F 16 J	15/16
	F 16 K	41/00
65	F 16 J	15/38
66	E 21 B	33/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
67	B 61 F	15/22
	F 16 J	15/54
68–73	B 65 D	53/00
	F 16 J	15/40
		15/44
74–79	B 65 D	53/00
	F 16 J	15/16
		15/40
		15/44
80	E 21 B	33/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
81–84	F 16 J	15/34
		15/54
85–87	F 16 J	15/34
		15/38
		15/54
88–90	F 16 J	15/36
		15/54
91	F 16 J	15/34
		15/54
92	F 16 J	15/38
		15/54
93–96	F 16 J	15/34
		15/54
96.1	F 16 J	15/34
97–100	E 21 B	33/00
	F 16 J	15/00
	F 16 K	41/00
101	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
102	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
	F 16 L	21/04
103	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
		15/40
104–124	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
	F 16 L	21/04
125	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
126	B 65 D	21/00
		53/00
	E 21 B	33/00
	F 16 J	15/00
127	B 65 D	53/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 277—Con.		
	E 21 B	33/00
	F 16 J	15/46
128–129	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
130–132	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
133–134	B 61 F	15/22
	F 16 J	15/54
135	B 65 D	53/06
	F 16 J	15/14
		15/40
136, 137	B 65 D	53/00
	F 16 J	9/24
		15/00
	F 16 K	41/00
138–146	F D2 F	5/00
	F 16 J	9/06
		15/00
	F 16 K	41/00
147	F D2 F	5/00
	F 16 J	9/06
		9/10
		15/00
148–151	F D2 F	5/00
	F 16 J	9/06
		15/00
	F 16 K	41/00
152, 153	F D2 F	5/00
	F 1B J	9/06
		15/32
154	F D2 F	5/00
	F 16 J	9/06
		15/00
	F 16 K	41/00
155	F D2 F	5/00
	F 16 J	9/06
		9/18
		15/00
156	F D2 F	5/00
	F 16 J	9/06
		9/16
		15/00
157–165	F D2 F	5/00
	F 16 J	9/06
		15/00
	F 16 K	41/00
166	B 65 D	53/00
	F 16 J	9/06
		15/00
	F 16 K	41/00
167	B 65 D	53/00
	F 16 J	9/04
		15/00
	F 16 K	41/00
167.3, 167.5	F 16 J	9/00
		15/00
	F 16 K	41/00
168–172	B 65 D	53/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
173–177	B 61 F	15/22
	F 16 J	9/00
		15/00
	F 16 K	41/00
178	B 61 F	15/22
	F 16 J	9/04
		15/00
	F 16 K	41/00
179	B 65 D	53/00
	F 16 J	15/00
	F 16 L	19/02
		21/02
180	B 65 D	53/00
	E 21 B	
	F 16 J	15/00
	F 16 L	19/02
181–187	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
188	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
	F 16 L	21/02
189	B 65 D	53/00
	E 21 B	33/00
	F 16 J	15/00
	F 16 K	41/00
189.5	B 65 D	53/00
	E 21 B	33/00
	F 16 J	9/22
		15/00
190, 191	B 65 D	53/00
	E 21 B	33/00
	F 16 J	9/00
		15/00
192	F 16 J	9/00
		15/00
	F 16 K	41/00
193	F 16 J	9/16
		15/00
	F 16 K	41/00
194	F 16 J	9/02
		9/16
		15/00
	F 16 K	41/00
195–199	F 16 J	9/16
		15/00
	F 16 K	41/00
200	F 16 J	9/20
		15/00
201–202	F 16 J	9/00
		15/00
	F 16 K	41/00
203	F 16 J	9/04
		15/00
	F 16 K	41/00
204	F 16 J	15/00
	F 16 K	41/00
	F 16 L	19/02
205, 206	F 16 J	9/08
		15/32
		15/48
	F 16 K	41/00
207	F 16 J	9/00
		15/00
	F 16 K	41/00
	F 16 L	19/00
208–210	F 16 J	9/00
		15/00
	F 16 K	41/00
211	B 65 D	53/00
	F 16 J	15/00
	F 16 K	41/00
	F 16 L	19/00
212	B 61 F	15/22
	F 16 J	9/08
		15/32
		15/48
213	B 65 D	53/00
	F 16 J	9/00
		15/00
	F 16 L	19/00
214, 215	B 65 D	53/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
216, 217	F D2 F	5/00
	F 16 J	9/00
	F 16 K	15/00
		41/00
218, 219	F D2 F	5/00
	F 16 J	9/18
		15/00
	F 16 K	41/00
220–222	F D2 F	5/00
	F 16 J	9/14
		15/00
223, 224	F D2 F	5/00
	F 16 J	9/00
		15/00
	F 16 K	41/00
225, 226	B 65 D	53/00
	F 16 J	15/00
	F 16 K	41/00
	F 16 L	19/00
227	B 65 D	53/00
	F D2 F	11/00
	F 16 J	15/00
	F 16 L	41/00
228	B 65 D	53/00
	F 16 J	15/00
	F 16 K	41/00
229–237	B 65 D	53/00
	F D2 F	11/00
	F 16 J	15/00
	F 16 K	41/00

U.S. Class 278

Land vehicles, animal draft appliances

(IPC B 62 C)

1	B 62 C	
	B 68 B	
2	B 62 C	
2.1	B 62 C	1/02
3–20	B 62 C	5/00
21–32	B 62 C	11/00
	B 68 B	5/08
33–101	B 62 C	5/00
102–125	B 62 C	5/00
	B 68 B	3/00
		5/00
126–130	B 62 C	5/00
		11/00
	B 68 B	5/00
		7/00

U.S. Class 279

Chucks or sockets

(IPC B 23)

1	B 23 B	5/22
		5/34
		31/00
	B 25 G	3/22
2	B 23 B	5/22
		5/34
		31/14
		31/40
3	B 23 B	5/22
		5/34
		31/30
4	B 23 B	5/22
		31/10
		31/30
5	B 23 B	5/22
		5/34
		31/36
	B 25 G	3/22
6	B 23 B	5/22
		5/34
		31/00
	B 25 G	3/22
7	B 23 B	31/00
	B 25 G	3/22
8–20	B 23 B	5/22
		5/34
		31/00
	B 25 G	3/22
22–65	B 23 B	5/22
		5/34
		31/12
	B 25 G	3/02
66–75	B 23 B	5/22
		5/34
		31/16
76–87	B 23 B	5/22
		5/34
		31/12
	B 25 G	3/02
89–95	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/02
96	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/22
97	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/22
		3/26
99–101	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/30
102, 103	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/10
104	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/14
105	B 23 B	5/22
		5/34
		31/10
	B 25 G	3/02
106–109	B 23 B	5/22
		5/34
		31/12
	B 25 G	3/22
110–123	B 23 B	5/22
		5/34
		31/16
	B 25 G	3/22

U.S. Class 280

Land vehicles

(IPC B 62 B)

1	B 60 R	/00
1.1–1.22	A 63 F	19/00
	A B3 G	13/00
		15/00
		17/00
		19/00
		25/00
1.5	B 62 D	51/04
2	B 60 S	11/00
	B 62 D	39/00
3	B 60 K	27/00
4	A 62 C	
	B 60 P	3/00
5	B 60 P	3/22
5.2–5.32	B 62 B	5/02
		9/02
6–6.11	B 60 S	9/00
	B 62 D	37/00
7	B 60 P	3/22
7.1–7.17	A 63 C	17/18
	B 62 K	13/00
8–11	B 62 B	13/18
		19/00
11.1	A 63 C	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		17/00
11.115	A 63 C	1/00
		5/00
		17/12
11.12	A 63 C	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
11.14	A 63 C	1/24
11.15	A 63 C	1/26
		1/28
11.16	A 63 C	1/22
11.17	A 63 C	1/00
11.18	A 63 C	1/30
11.19	A 63 C	17/00
11.2–11.21	A 63 C	17/14
		17/20
11.22	A 63 C	17/02
		17/04
11.23	A 63 C	17/04
11.24	A 63 C	17/08
11.25	A 63 C	17/04
11.26	A 63 C	1/22
		17/00
11.27	A 63 C	1/00
		17/00
11.28	A 63 C	1/24
		17/00
11.3	A 63 C	1/02
		1/04
		1/18
		1/20
		1/22
		9/00
11.31–11.34	A 63 C	1/04
		9/00
11.36	A B3 C	3/02
12–28	B 62 B	9/04
		13/00
		15/00
		17/00
		19/00
	B 62 M	27/00
		29/00
28.5	B 62 D	57/00
29	B 60 G	
	B 60 R	
	B 62 B	
	B 62 D	
30–32	B 60 F	
	B 62 B	1/04
		3/02
		7/12
32.5	A D1 D	67/04
		75/00
	B 62 M	1/00
32.6	B 25 H	5/00
	B 62 B	11/00
32.7	B 62 D	63/00
33.99	B 62 D	39/00
35	B 62 B	1/00
		3/02
		7/06
	B 62 D	21/14
		33/08
		61/12
	B 62 K	15/00
37–40	B 62 B	1/00
		7/06
		13/02
	B 62 D	21/14
		33/08
	B 62 K	15/00
42	B 62 B	1/00
		7/06
		13/02
	B 62 D	21/14
		33/08
	B 62 K	15/00
43–43.24	B 62 D	21/14
		33/08
		61/12
46, 47	B 62 B	1/08
47.1	B 62 B	9/22
47.11	B 62 B	3/00
		7/04
47.12	B 62 B	1/08
47.13–47.33	B 62 B	1/00
		7/02
47.34–47.37	B 62 B	3/00
		11/00
47.38–47.41	B 62 B	7/00
		9/00
62	B 62 D	61/06
63–77	B 62 C	1/00
	B 62 D	61/00
78	B 62 D	61/00
79.1–79.3	B 62 B	1/00
		5/00
80–96.1	B 60 P	
80–86	B 60 P	
	B 62 D	
80–96.1	B 62 D	
88–149	B 60 P	
	B 62 D	

U.S. Class 280—Con.

U.S. Subclass	IPC Subclass	IPC Notation
96.3–123	B 60 P	
	B 62 D	
125–149	B 60 P	
	B 62 D	
151	B 60 S	9/00
152–157	B 62 B	9/14
		9/16
	B 62 D	25/16
158–158.1	B 60 S	1/68
159	B 62 B	9/14
		9/16
	B 62 D	25/16
160	B 60 R	19/00
	B 62 D	25/16
160.1	B 60 R	19/00
	B 62 J	15/00
161, 162	B 60 R	19/00
163–169	B 60 R	3/00
170–178	B 62 C	9/00
180	B 60 P	7/00
181–185	B 62 C	9/00
186–192	B 62 C	7/00
		11/00
193	B 60 R	27/00
200	B 62 K	
	B 62 M	
201	B 62 J	11/02
202	B 62 J	7/00
		11/00
	B 62 K	27/00
203–204	B 62 K	27/00
205–208	A 63 G	25/00
		27/00
		29/00
	B 62 K	1/00
		17/00
209	B 62 K	13/06
210–211	B 62 K	11/00
	B 62 M	
212–217	B 62 M	1/10
		27/00
218–219	B 62 M	29/00
220–235	B 62 M	1/00
236–238	B 62 M	9/00
		25/00
239	B 62 K	5/00
240	B 62 K	21/00
241	B 62 M	1/00
242–250	B 62 M	1/14
251	B 62 M	1/08
252	B 62 M	1/04
253–258	B 62 M	1/00
		5/00
259–262	B 62 M	1/02
263–280	B 62 K	1/00
		17/00
		21/00
	B 62 M	3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
281–288	B 62 K	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		15/00
		17/00
		19/00
289–304	B 62 H	
	B 62 J	
400	B 60 D	
	B 62 D	13/00
		53/00
		59/00
401	B 62 D	63/00
402	B 60 P	3/06
	B 62 D	53/04
403	B 60 D	5/00
404	B 62 D	53/00
405–413	B 60 D	
	B 62 D	53/00
414.5	B 60 G	
415–418	B 60 F	
419	B 62 D	12/00
		13/00
420–422	B 60 D	1/08
		7/02
	B 60 R	16/00
423–431	B 62 D	53/06
432	B 60 T	7/12
	B 62 D	53/06
433–441	B 62 D	53/06
442–445	B 62 D	13/00
446–515	B 60 D	
600–601	A 63 C	5/00
602	A 63 C	5/07
603	A 63 C	5/02
604, 605	A 63 C	5/00
606	A 63 C	5/06
607	A 63 C	5/00
608, 609	A 63 C	5/04
610	A 63 C	5/00
611–617	A 63 C	9/00
		9/08
618	A 63 C	9/081
		9/082
619–622	A 63 C	9/00
		9/06
623–635	A 63 C	9/10
		9/16
		9/18
		9/20
		9/22
		9/24
636, 637	A 63 C	9/00
638–659	B 62 B	1/00
		3/00
		5/00
		7/00
		9/00
660	B 60 G	
	B 62 D	
661	B 62 D	17/00
662–675	B 60 G	
	B 62 D	
676–687	B 60 G	5/00
688	B 60 G	1/00
		5/00
		7/00
		9/00
		11/00
689	B 60 G	19/00
		21/00
690–701	B 60 G	3/00
702	B 60 G	11/26
703	B 60 G	21/00
704–714	B 60 G	11/26
715	B 60 G	11/32
716, 717	B 60 G	11/22
718–720	B 60 G	11/02
721–723	B 60 G	11/18
724–726	B 60 G	11/14
727	B 60 R	
		16/00
		21/00
	B 60 S	
728	B 60 R	21/16
729	B 60 R	21/24
730	B 60 R	21/22
731, 732	B 60 R	21/16
733	B 60 R	21/18
734, 735	B 60 R	21/32
736, 737	B 60 R	21/26
738, 739	B 60 R	21/30
740–742	B 60 R	21/28
743	B 60 R	21/20
748	B 60 R	21/02
		21/11
749	B 60 R	21/06
750	B 60 R	21/05
751	B 60 R	21/04
		21/055
752	B 60 R	21/045
753	B 60 R	21/04
754	B 60 G	25/00
754, 755	B 60 R	21/00
754	B 60 R	27/00
755	B 60 S	9/00
	F 16 M	
756	B 60 R	21/13
757–759	B 60 S	9/00
760	B 60 R	
761	B 60 S	9/18
762	B 60 R	
763.1–766.1	B 60 S	9/02
767–770	B 60 R	
771	B 62 D	1/00
772	B 62 D	9/02
773	B 62 D	3/14
774	B 62 D	1/24
775	B 62 D	1/18
776	B 62 D	15/02
777	B 62 D	1/18
778	B 62 D	1/04
		1/12
779, 780	B 62 D	1/16
781–784	B 62 D	21/00
		21/15
		21/16
		21/17
785	B 62 D	21/12
786, 787	B 62 D	21/04
788	B 62 D	21/00
		21/11
789	B 62 D	63/06
790–792	B 62 D	21/00
		21/05
		21/07
793, 794	B 62 D	21/06
795–800	B 62 D	21/00
		21/03
801	B 60 R	22/00
		22/48
802	B 60 R	22/04
803	B 60 R	22/08
804	B 60 R	22/06
805	B 60 R	22/28
806	B 60 R	22/36
		22/46
807	B 60 R	22/34
808	B 60 R	22/00
809–812	A 63 C	11/00
813	A 63 C	11/18
814	A 63 C	11/00
815	A 63 C	11/02
816	A 63 C	17/26
817, 818	A 63 C	11/00
819	A 63 C	11/22
820–823	A 63 C	11/00
824	A 63 C	11/24
825	A 63 C	3/12
826	A 63 C	17/28

U.S. Class 281

Books, strips and leaves

(IPC B 42 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 42 D	3/18
2, 3	B 42 D	1/00
4	B 42 D	3/04
5–14	B 42 D	19/00
15	B 42 D	1/00
		5/00
16	B 42 D	1/00
17	B 42 D	3/04
18	B 42 D	1/00
		5/00
19	B 42 D	3/04
20	B 42 D	1/00
		5/00
21	B 42 D	1/00
22	B 42 D	1/08
	B 42 F	5/00
23–28	B 42 D	1/00
29	B 42 D	3/00
30	B 42 D	3/00
		3/12
31, 32	B 42 D	3/00
33	A 47 B	23/00
	B 42 D	3/00
34	B 42 D	3/04
35	B 42 D	3/00
		3/02
36, 37	B 42 D	3/00
38	B 42 D	1/00
		5/00
39	B 42 D	1/00
40, 41	B 42 D	5/00
42	B 42 D	9/00
45–50	B 42 D	3/00
		7/00
		17/00

U.S. Class 282

Manifolding

(IPC B 41 L)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 41 L	1/00
		3/12
		5/16
2, 3	B 41 L	1/20
4	B 41 L	5/00
5	B 41 L	5/04
6	B 41 L	5/00
7	B 41 L	5/04
8–11	B 41 L	1/20
11.5	B 41 L	1/20
12	B 41 L	1/20
13, 14	B 41 L	5/00
15, 16	B 41 L	5/04
17	B 41 L	5/00
18	B 41 L	5/04
19	B 41 L	5/00
20, 21	B 41 L	5/04
22–24	B 41 L	1/24
25–27.5	B 41 L	1/20
28	B 41 L	1/16
29	B 41 L	3/00

U.S. Class 283

Printed matter

(IPC A 42 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 42 D	15/00
2–4	B 42 D	5/04
5	B 42 D	15/00
17	G 09 C	1/00
23, 24	B 42 D	15/00
25–29	G 09 F	3/00
30–33	B 42 D	15/00
34–35	G 09 B	29/00
36–43	B 42 F	21/00
44	G 09 B	19/02
		23/02
45	G 09 B	11/00
		19/08
46	G 09 B	17/02
47	G 09 B	15/02
48–52	G 09 B	19/22
53–55	B 42 D	15/00
56	G 09 F	
57–65	B 42 D	15/00
66	B 42 D	11/00
		12/00
		12/02
		15/00
67–70	B 42 D	15/00
71–70	B 42 D	15/00
	G 09 C	3/00
72, 73	B 42 D	15/00
74–80	B 42 D	15/00
	G 09 C	3/00
81–114	B 42 D	15/00
900–904	B 42 D	15/00

U.S. Class 285

Pipe joints or couplings

(IPC F 16 L)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	F 16 L	35/00
		37/00
		55/00
3, 4	F 16 L	35/00
		37/00
5	B 05 B	15/00
	F 16 L	55/00
6	F 16 L	37/00
		55/00
7	A 47 L	9/24
8	E 03 C	1/00
	F 16 L	21/00
		55/00
9	F 16 L	25/00
		55/00
10, 11	F 16 L	17/00
		25/00
		55/00
12	F 16 L	25/00
		55/00
13, 14	F 16 L	55/00
15, 17	F 16 L	55/00
		55/18
18, 19	F 16 L	35/00
		55/00
20	F 16 L	35/00
		41/04
		55/00
21, 22	F 16 L	13/02
		35/00
		47/02
		55/00
23	B 65 D	57/00
		59/00
	F 16 L	55/00
		57/00
24	F 16 L	35/00
		55/00
25, 26	B 61 G	5/08
	F 16 L	35/00
		55/00
27	F 16 L	35/00
		55/00
28–30	F 16 L	35/00
		39/00
		55/00
31	F 16 L	21/00
		25/00
32	F 16 L	21/00
		25/00
		27/12
33–35	F 16 L	35/00
		37/00
		55/00
36	F 16 L	35/00
		55/00
37	F 16 L	17/00
		21/02
		33/18
		55/00
38	F 16 L	35/00
		37/00
		55/00
39	F 16 L	35/00
		55/00
40	F 16 L	35/00
		41/04
		55/00
41	F 16 L	53/00
		55/00
42–44	E 04 B	5/48
	E 04 G	13/00
		13/14
45	F 16 L	11/12
		55/00
46	E 04 F	19/00
	F 16 L	5/00
		55/00
47–50	F 16 L	11/12
		55/00
		59/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 285—Con.		
		5/00
		27/04
51	F 16 L	11/12
		27/04
		35/00
		59/16
52	F 16 L	11/12
		19/02
		55/00
		59/16
53, 54	F 16 L	11/12
		21/00
		55/00
		59/16
55	F 16 L	9/14
		55/00
		59/16
		61/00
56	E 03 D	11/00
	F 16 L	11/12
		55/00
57	E 03 D	11/00
	F 16 L	51/02
		55/00
58–60	E 03 D	11/00
	F 16 L	55/00
61	F 16 L	3/00
62	B 60 D	1/08
	F 16 L	3/00
63	B 61 G	5/06
	F 16 L	3/00
64	F 16 L	3/00
65–79	B 60 D	1/08
	B 61 G	5/08
	F 16 B	55/00
80–82	F 16 L	35/00
		55/00
83	F 16 L	33/16
		35/00
		55/00
84–92	F 16 J	15/00
	F 16 L	55/00
93	F 16 L	35/00
		55/00
94	F 16 L	7/00
		9/00
		11/00
		21/00
95–113	F 16 L	17/00
		33/16
114–116	F 16 L	13/04
		35/00
		55/00
117	F 16 L	35/00
		55/00
118	F 16 L	27/00
		55/00
119	F 16 L	55/00
120	F 16 L	55/00
121	F 16 L	45/00
		55/00
122, 123	F 16 L	27/00
		55/00
124–127	F 16 L	43/00
128, 129	F 16 L	55/00
	H 05 K	5/00
		5/04
130	B 65 D	47/00
	F 16 L	39/00
131–133	F 16 L	47/00
134	F 16 L	39/04
135–137	F 16 L	39/00
138–139	E 21 B	19/00
	F 16 L	21/00
		25/00
		55/00
140–148	E 21 B	19/10
	F 16 L	21/00
149	F 16 L	39/00
		55/00
150–156	F 16 L	41/00
157	F 16 L	
158, 159	F 16 L	3/04
		5/00
		41/00
160	F 16 L	3/04
161, 162	F 16 L	3/04
		5/00
		43/00
163, 164	F 16 L	27/00
165	F 16 L	15/02
		27/12
166, 167	F 16 L	27/04
168	F 16 L	27/00
169–171	F 16 L	55/00
172	F 16 L	13/00
		47/02
		55/00
173–176	F 16 L	55/00
177	F 16 L	25/00
		55/00
178	F 16 L	55/00
179–183	F 16 L	43/00
184–185	F 16 L	27/00
187	F 16 L	55/00
188	F 16 L	
189	F 16 L	5/00
		27/00
		41/00
190	F 16 L	
		5/00
		27/00
		41/00
191–218	F 16 L	5/00
		41/00
219–221	F 16 L	5/00
		15/00
		41/00
222	F 16 L	41/00
223	F 16 L	27/10
224, 225	F 16 L	21/02
		27/10
		51/00
226–229	F 16 L	21/00
		27/10
		51/02
230	F 16 L	49/00
231–233	F 16 L	21/00
234	F 16 L	13/14
		19/04
		21/00
235–237	F 16 L	21/00
238–259	F 16 L	33/00
		47/00
		49/00
260	F 16 L	31/00
261–271	F 16 L	27/04
272–282	F 16 L	27/00
283	F 16 L	25/00
		27/00
		35/00
284	F 16 L	13/00
285	F 16 L	13/00
		47/02
		55/00
286	F 16 L	13/02
		47/02
287	F 16 L	13/00
		13/08
		47/00
		47/02
289	F 16 L	15/02
		27/12
		39/04
		49/00
298	F 16 L	
299–301	F 16 L	27/12
302, 303	F 16 L	15/02
		27/12
		39/04
		49/00
304	F 16 L	35/00
		37/00
305	F 16 L	37/00
306	F 16 L	37/06
		37/16
307–310	F 16 L	37/00
311	F 16 L	37/20
312	F 16 L	37/00
		37/18
314–316	F 16 L	37/18
317–321	F 16 L	39/00
322–324	F 16 L	21/06
325, 326	F 16 L	19/02
		25/00
		33/22
		37/26
327	F 16 L	37/26
328–334.5	F 16 L	25/00
		35/00
335–338	F 16 L	17/00
		19/00
		21/02
339–343	F 16 L	17/00
		19/06
		19/08
		21/02
344–362	F 16 L	17/00
		19/00
		33/18
363–368	F 16 L	17/00
		19/00
		21/02
		23/00
369–377	F 16 L	17/00
		19/00
		21/02
378–380	F 16 L	17/00
		19/00
		21/02
		33/18
381	F 16 B	4/00
	F 16 L	25/00
382–382.7	F 16 L	13/14
		19/04
		19/08
383–389	F 16 L	25/00
390	F 16 L	15/00
391	F 16 L	15/00
		37/00
392, 393	F 16 L	15/00
394–396	F 16 L	25/00
401, 402	F 16 L	21/00
403, 404	F 16 L	21/00
		37/24
405–416	F 16 L	23/00
417–419	F 16 L	21/00
420, 421	F 16 L	25/00
422–425	F 16 L	25/00
		35/00
		55/00

U.S. Class 289

Knots and knot tying

(IPC B 65 H)

U.S. Subclass	IPC Subclass	IPC Notation
1.2	D 04 G	5/00
1.5	B 65 H	69/04
2	A 01 D	59/04
	B 65 H	69/04
3	D 03 J	1/16
4–16	B 65 H	69/04
16.5	B 65 H	69/04
	D 04 G	5/00
17	D 03 J	3/00
18.1	B 65 H	69/04

U.S. Class 290

Prime-mover dynamo plants

(IPC H 02 P)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 P	9/04
2	B 60 L	1/02
	F 01 K	15/00
		17/02
	F 02 C	6/00
		6/18
3	F 01 B	
	F 01 K	
4	F 01 C	13/00
	F 01 D	15/10
	F 02 C	6/00
	F 02 D	25/00
		29/06
	H 02 P	9/04
5–6	H 02 P	9/04
7	F 02 D	29/06
	F 03 B	13/10
		15/08
	H 02 P	9/04
8	H 02 K	7/20
	H 02 P	9/04
9	B 60 L	11/02
	B 61 C	9/38
10, 11	B 60 L	11/02
	B 61 C	9/38
	H 02 K	23/52
12, 13	B 60 L	11/02
	B 61 C	9/38
	H 02 K	23/52
		23/60
14	B 60 L	11/02
	B 61 C	9/38
15	B 60 L	11/02
	B 61 C	9/38
	H 02 K	23/60
16–19	B 60 L	11/12
	B 61 C	9/38
20	B 60 L	11/02
	H 02 K	23/60
21	B 60 L	11/02
	B 61 C	9/38
22	B 60 L	11/02
	B 61 C	9/38
	F 02 N	11/04
23	B 60 L	11/02
	B 61 C	9/38
	F 02 N	11/04
	H 02 K	23/52
		23/60
24–26	B 60 L	11/02
	B 61 C	9/38
	F 02 N	11/04
	H 02 K	23/52
		23/60
27, 28	B 60 L	11/02
	B 61 C	9/38
	F 02 N	11/04
29	B 60 L	11/02
	H 02 K	23/60
30	B 60 L	11/02
	F 02 N	11/08
31–35	F 02 N	11/04
	H 02 K	23/52
	H 02 P	9/04
36	F 02 N	11/04
	H 02 P	9/04
37	F 02 N	11/06
	H 02 P	9/04
38	F 02 N	11/00
	H 02 P	9/04
39	H 02 K	23/60
	H 02 P	9/04
40	F 02 N	11/06
	H 02 P	9/04
41	F 02 N	11/06
	H 02 P	9/04
42	F 03 B	13/10
		13/12
	H 02 P	9/04
43	F 03 B	13/00
		13/10
	H 02 P	9/04
44	F 03 D	9/00
	H 02 P	9/04
45	B 60 L	11/02
	B 61 C	9/38
46	F 02 N	11/04
	H 02 K	23/52
	H 02 P	9/04
47	F 02 N	11/04
	H 02 P	9/04
48	F 02 N	11/08
	H 02 P	9/04
49	H 02 K	23/60
	H 02 P	9/04
50	B 60 L	11/12
	H 02 P	9/04
51	F 02 N	11/04
	H 02 P	9/04
52	F 01 D	15/10
	F 02 C	6/00
	H 02 K	7/18
	H 02 P	9/04
53	F 03 B	13/10
		13/12
	H 02 P	9/04
54	F 03 B	13/00
		13/105
	H 02 P	9/04
55	F 03 D	9/00
	H 02 P	9/04

U.S. Class 291

Track sanders

(IPC B 60 D)

U.S. Subclass	IPC Subclass	IPC Notation
1–13	B 60 B	39/00
	B 61 C	15/10
14, 15	B 61 H	11/00
16–47	B 60 B	39/00
	B 61 C	15/10
48	B 07 B	

U.S. Class 292

Closure fasteners

(IPC E 05 C)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	E 05 C	19/00
		21/00
3	E 05 C	7/00
		9/00
4	E 05 C	5/02
		7/00
		9/00
5, 6	E 05 C	5/00
		7/00
		9/00
7	E 05 C	5/00
		7/00
		9/10
8	E 05 C	7/00
		9/00
		19/10
9	E 05 C	7/00
		9/00
10	E 05 C	7/00
		9/00
		19/06
11	E 05 C	7/00
		9/00
		19/12
12	E 05 C	7/00
		9/00
13	E 05 C	7/00
		9/00
		19/06
14	E 05 C	7/00
		9/00
		19/02
15	E 05 C	7/00
		9/00
		19/04
16	E 05 C	7/00
		9/00
		19/02
17	E 05 C	7/00
		9/00
		19/02
		19/06
18	E 05 C	7/00
		9/00
		19/02
19, 20	E 05 C	7/00
		9/00
		19/06
21	E 05 B	65/10

U.S. Class 292—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	E 05 C	7/00
		9/00
22, 23	E 05 C	7/00
		9/00
24	E 05 C	7/00
		9/00
		19/10
25	E 05 C	7/00
		9/10
		19/10
26	E 05 C	7/00
		9/16
		19/10
27–31	E 05 C	7/00
		9/00
		19/10
32	E 05 C	1/00
		7/00
		9/00
33–35	E 05 C	1/06
		1/12
		7/00
		9/10
36	E 05 C	1/06
		1/12
		7/00
		9/16
37–38	E 05 C	1/06
		1/12
		7/00
		9/10
39	E 05 C	1/06
		1/12
		7/00
		9/12
40–41	E 05 C	1/06
		1/12
		7/00
		9/10
42	E 05 C	1/04
		1/10
		7/00
		9/10
43	E 05 C	1/06
		1/12
		7/00
		9/10
44	E 05 C	3/00
		7/00
		9/00
45–47	E 05 C	3/06
		3/16
		7/00
		9/10
48	E 05 C	3/06
		3/16
		7/00
		9/16
49, 50	E 05 C	3/06
		3/16
		7/00
		9/10
51	E 05 C	3/06
		3/16
		7/00
		9/12
52, 53	E 05 C	3/06
		3/16
		7/00
		9/10
54	E 05 C	3/04
		3/14
		7/00
		9/10
55	E 05 C	3/06
		3/16
		7/00
		9/10
56	E 05 C	9/12
57	E 05 C	5/02
58	E 05 C	5/04
59, 60	E 05 C	5/02
61	E 05 C	5/04
62	E 05 C	5/02
63–69	E 05 C	5/00
70	E 05 C	19/02
71	E 05 C	5/00
		19/02
73	E 05 C	19/04
74, 75	E 05 C	19/02
76, 77	E 05 C	19/02
		19/06
78, 79	E 05 C	19/02
80–87	E 05 C	19/06
88	E 05 B	17/20
		39/02
		63/18
	E 05 C	19/06
89–91	E 05 C	19/06
92–94	E 05 B	65/10
95–103	E 05 C	19/10
104	E 05 B	39/02
		67/00
	E 05 C	19/10
105–108	E 05 C	19/10
109–115	E 05 C	5/00
		19/12
116–136	E 05 C	19/10
137	E 05 C	1/02
138–144	E 05 C	1/06
145–147	E 05 C	1/04
148	E 05 B	39/02
		67/00
	E 05 C	1/04
149, 150	E 05 C	1/04
151	E 05 B	39/02
	E 05 C	1/04
152, 153	E 05 C	1/04
154	E 05 B	39/02
	E 05 C	1/08
155	E 05 C	1/06
156	E 05 C	1/02
		1/08
157–161	E 05 C	1/06
		1/12
162	E 05 C	1/04
		1/10
163	E 05 C	1/08
164–174	E 05 C	1/12
175	E 05 C	1/10
176	E 05 C	1/12
177–181	E 05 C	1/02
182	E 05 C	1/06
183	E 05 C	1/02
		1/08
184–188	E 05 C	1/06
		1/12
189	E 05 C	1/04
		1/10
190–193	E 05 C	1/02
194	E 05 C	3/02
195–201	E 05 C	3/06
202–204	E 05 C	3/04
205	E 05 B	39/02
		67/00
	E 05 C	3/04
206, 207	E 05 C	3/04
208	E 05 B	39/02
	E 05 C	3/04
209–210	E 05 C	3/04
211	E 05 B	39/02
	E 05 C	3/04
212	E 05 C	3/04
213	E 05 C	3/02
		3/12
214–217	E 05 C	3/06
		3/16
218	E 05 C	3/04
		3/14
219	E 05 C	3/12
220–227	E 05 C	3/16
228	E 05 C	3/14
229	E 05 C	3/02
230	E 05	3/02
		3/12
	E 05 C	3/02
		3/12
231–237	E 05 C	3/06
		3/16
238	E 05 C	3/04
		3/14
239	E 05 C	3/02
		3/12
240	E 05 C	3/02
241	E 05 C	3/04
242	E 05 C	3/14
243	E 05 B	39/02
244, 245	E 05 B	15/00
		15/10
		17/00
246	E 05 C	19/10
247	E 05 C	5/00
		19/14
248, 250	E 05 C	19/10
251	E 05 C	5/04
251.5	E 05 C	17/56
		19/16
252	E 05 C	19/00
253	B 65 O	33/30
		55/06
254, 255	E 05 B	15/00
		17/00
256	B 65 O	45/00
256.5	E 05 B	65/00
256.6–256.63	B 65 O	45/30
		45/32
256.65, 256.67	B 65 O	45/30
		45/32
256.69	B 65 O	45/30
		45/34
256.71–258	B 65 O	45/30
		45/32
259, 260	E 05 C	19/18
261	E 05 C	19/00
262	E 05 C	17/04
263	E 05 C	17/32
264	E 05 C	17/36
265–267	E 05 C	17/18
268–270	E 05 C	17/16
271–278	E 05 C	17/04
279–280	E 05 C	19/00
281	E 05 C	19/08
282	E 05 B	39/02
	E 05 C	19/08
283	E 05 C	19/08
284	E 05 B	39/02
	E 05 C	19/08
285	E 05 C	19/08
286, 287	E 05 B	39/02
	E 05 C	19/08
288–298	E 05 C	19/18
299–304	E 05 C	19/00
305, 306	E 05 C	17/02
		17/38
307–326	B 65 D	27/30
		33/34
		55/06
	G 09 F	3/03
327–331	E 05 B	39/02
332–336	E 05 B	63/20
336.3	E 05 B	3/00
336.5	E 05 B	3/08
		3/10
337	E 05 B	9/00
338	E 05 C	17/44
339	E 05 C	17/54
340–341.19	E 05 B	15/02
342	E 05 C	17/44
343, 344	E 05 C	17/54
345	E 05 B	65/00
346	E 05 B	17/00
347	E 05 B	1/00
348–355	E 05 B	3/00
356, 357	E 05 B	15/02
358	E 05 B	3/00
359	E 05 B	13/00

U.S. Class 293

Vehicle fenders

(IPC B 60 R)

U.S. Subclass	IPC Subclass	IPC Notation
1–11	B 60 R	19/00
	B 61 F	19/00
	B 61 G	11/00
12, 13	B 62 O	9/02
14	B 60 R	19/00
15–33	B 60 R	19/00
	B 61 F	19/00
	B 61 G	11/00
34–37	B 61 F	19/08
38–39	B 61 F	19/06
	B 61 K	1/02
40	B 61 F	19/10
41	B 61 F	19/06
42–47	B 61 C	17/02
48–58	B 60 R	19/00
	B 61 F	19/00
102–106	B 60 R	19/02
		19/56
107	B 60 R	19/20
108	B 60 R	19/18
109	B 60 R	19/22
110	B 60 R	19/18
111.1	B 60 R	19/48
112	B 60 R	19/16
		19/54
113	B 60 R	19/02
		19/56
114	B 60 R	19/48
115	B 60 R	19/52
116, 117	B 60 R	19/48
118	B 60 R	19/38
119	B 60 R	19/40
120–122	B 60 R	19/03
123, 124	B 60 R	19/02
		19/56
125	B 60 R	19/48
126–128	B 60 R	19/42
129	B 60 R	19/24
130	B 60 R	19/02
		19/56
131	B 60 R	19/24
132	B 60 R	19/26
133	B 60 R	19/34
134	B 60 R	19/32
135	B 60 R	19/28
136	B 60 R	19/30
137	B 60 R	19/28
138–141	B 60 R	19/24
142–144	B 60 R	19/44
145	B 60 R	19/46
146–148	B 60 R	19/36
149–155	B 60 R	19/04

U.S. Class 294

Handling, hand and hoist-line implements

(IPC B 66 C)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	A 47 F	13/06
		13/08
	A 47 J	45/00
	B 66 C	1/00
3	A 47 G	21/10
	B 25 B	7/00
3.5	E 04 G	21/16
3.6	A 44 B	19/00
4	A 47 G	21/00
	B 25 B	7/00
5.5	A 24 B	1/06
6	A 47 J	45/00
7–8	A 47 J	43/28
8.5	A 41 F	
	A 41 H	31/00
8.6	A 47 G	27/04
	B 26 F	1/32
	E 04 F	21/20
9–14	A 47 J	49/00
15–18	B 65 G	7/12
		9/00
19	A 47 F	13/06
20, 21	H 01 K	3/32
22, 23	A 47 F	13/06
23.5	D 06 F	5/00
24	A 47 F	13/06
25–26.5	B 65 G	7/12
27–34	A 47 J	45/00
49	A 01 B	1/00
	A 01 D	9/00
		11/00
50, 50.5	A 01 D	9/06
50.6–50.9	A 01 B	1/16
	A 01 O	9/06
		11/00
51	A 01 B	1/20
		1/22
	A 01 O	9/00
		11/00
52	A 01 O	11/06
53.5	A 01 B	1/00
	A 01 O	9/00
54.5	E 01 H	5/02
55	A 01 B	1/02
	A 47 F	13/08
55.5	A 01 O	9/00
56	A 01 B	1/00
57, 58	A 01 B	1/22
	B 25 G	
59, 60	A 01 B	1/00
	A 01 D	9/00
		11/00
61	A 01 K	81/04
	B 08 B	1/00
	F 41 B	13/10
62	B 65 G	7/12
63	B 66 C	1/00
64, 65	A 47 B	97/00
	B 66 C	1/02
65.5	B 66 C	1/04
	E 21 B	31/06
66, 67	B 66 C	1/00
68–73	B 65 D	51/00
	B 66 C	3/00
	E 04 G	21/02
	E 21 B	27/00
		31/00
		33/132
74–77	B 66 C	1/12
78	B 66 C	1/34
79, 80	A 22 C	15/00
	B 66 C	1/34
81	B 66 C	1/00
82, 83	B 64 D	17/38
	B 66 C	1/34
84	B 63 B	23/58
	B 66 C	1/34
85	B 66 D	3/00
86	B 25 B	
	B 66 C	1/10
86.1–86.34	E 21 B	31/00
		31/03
		31/107
		31/12
		31/16
		31/18
		31/20
87, 87.2	B 66 C	1/10
87.22, 87.24	B 66 C	1/28
87.26	B 66 C	1/10
87.28	B 66 C	1/44
88–119	B 25 B	
	B 66 C	1/00
120–130	A 01 D	89/00
	B 66 C	3/00
131	B 25 B	29/00
132–136	B 21 F	9/00
	B 25 B	25/00
	B 65 H	77/00
137	A 45 F	5/00
138	A 45 F	5/12
139	G 03 B	17/56
140	A 61 G	1/00
141–143	A 45 F	5/00
144	A 47 B	31/04
145, 146	A 45 F	5/00
147	A 63 C	11/02
148–169	A 45 F	5/00
170, 171	A 45 F	5/10
172	A 47 G	23/06

U.S. Class 295

Railway wheels and axles

(IPC B 60 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–8	B 60 B	17/00
8.5	B 60 B	19/02
9–35	B 60 B	17/00
36–42	B 60 B	35/00
43	B 60 B	37/00
44–50	B 60 B	37/10
		37/12

U.S. Class 296

Land vehicles, bodies and tops

(IPC B 60 P)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 60 J	9/00
	B 62 C	1/00
	B 62 D	23/00
		39/00
2–6	B 60 P	3/00
7	B 60 P	3/00
	B 62 C	1/06
	B 62 D	33/08
8, 9	B 60 P	3/00
10, 11	B 60 P	3/42
	B 62 C	1/06
12–14	B 60 P	3/04
15	B 60 P	3/22
16–18	B 60 P	3/26
21	B 60 R	13/00
24	B 60 P	3/05
		3/20
	B 60 R	7/00
	B 62 D	33/04
25	B 60 P	3/00
	B 62 0	25/20
26	B 62 C	1/06
	B 62 D	33/08
27	B 60 P	3/34
29–31	B 60 P	3/03
	B 62 D	27/00
		29/00
32–34	B 62 0	33/00
35.1–35.4	B 62 D	23/00
36	B 62 D	27/00
37.1	B 60 R	5/00
		7/00
		9/00
		11/06
	B 62 D	43/00
37.12	B 60 R	7/06
37.13	B 60 R	7/04
37.14–37.16	B 60 R	7/04
		11/06
37.2	B 62 0	43/00
37.3	B 62 D	43/00
37.4	B 62 B	5/00
		7/00
		9/00
		11/06
37.5	B 60 R	5/00
		7/00
		9/00
37.6	B 60 R	5/00
		7/00
		9/00
		11/00
	B 62 0	43/00
37.7	B 60 R	5/00
		7/00
		9/04
	B 62 0	43/00
37.8	B 60 R	7/00
		11/06
37.9, 37.11	B 60 N	3/12
38	B 62 0	27/00
39	B 62 0	33/00
40, 41	B 60 R	27/00
42	B 60 P	1/00
43	B 60 P	7/06
	B 62 0	33/02
50–62	B 62 D	25/00
		33/00
63, 64	B 60 N	1/00
65–68	B 60 N	1/02
69	B 60 N	1/10
70	B 62 0	25/14
71	B 60 N	3/02
72–74	B 62 0	25/14
75	B 60 N	3/06
	B 62 0	25/20
	B 62 J	25/00
76	B 62 0	25/10
77	B 60 N	3/00
78.1	B 62 J	17/00
		19/00
		23/00
79, 80	B 60 J	1/00
81, 82	B 60 N	3/00
83	B 60 J	11/00
84, 85	B 60 J	1/02
		1/20
86	B 60 J	1/06
87, 88	B 60 J	1/06
89	B 60 J	1/16
		1/17
90	B 60 J	1/02
		1/20
91	B 60 J	1/20
		9/04
92, 93	B 60 J	1/02
		1/20
95, 96	B 60 J	1/20
		3/06
97	B 60 J	3/00
98	B 60 J	11/00
99	B 60 J	7/00
	B 62 D	25/06
100–101	B 60 P	7/02
102–106	B 62 0	25/06
107–134	B 60 J	7/00
		7/08
135–136	B 60 J	7/20
	B 62 D	25/06
138–145	B 60 J	7/00
	B 62 0	25/06
146	B 60 J	1/00
		5/00
		9/00
147–151	B 60 J	1/00
		5/00
152	B 60 J	1/20
		3/00
153, 154	B 60 J	9/00
155	B 60 J	5/06
156	B 60 P	1/00
		3/00
156–176	B 60 R	15/00
177–209	B 60 J	1/00
		7/00
	B 60 K	37/00
	B 60 N	1/00
		3/00
	B 60 R	27/00
210–215	B 60 D	25/06
	B 60 J	7/00
	B 60 R	13/07
	B 62 0	25/07
216, 217	B 60 J	7/043
218	B 60 J	7/11
219	B 60 J	7/00
220	B 60 J	7/047
221	B 60 J	7/05
222	B 60 J	7/053
223	B 60 J	7/057
224	B 60 J	7/185

U.S. Class 297

Chairs and seats

(IPC A 47 C)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	A 47 C	13/00
	A 47 0	1/04
4	A 47 C	1/00
		9/00
5, 6	A 47 0	13/04
	A 61 H	3/04
	A 63 C	3/04
7–12	A 47 C	13/00
	A 47 0	11/00
13	A 47 C	1/12
14, 15	A 47 C	9/06
	B 60 N	1/10
16–19	A 47 C	4/00
	A 47 0	1/02
20	A 47 C	3/02
	A 47 0	13/10
21–31	A 47 C	4/00
	A 47 D	1/02
32–33	A 47 C	3/02
	A 47 D	13/10
34–44	A 47 C	4/00
	A 47 0	1/02
45	A 47 C	4/28
46–60	A 47 C	4/00
	A 47 D	1/02
61	A 47 C	1/02
62–67	A 47 C	13/00
	B 60 N	1/10
68–91	A 47 C	1/02
	A 61 G	15/00
92–104	B 60 N	1/02
105, 106	A 47 C	13/00
		17/04
107	A 47 C	13/00
		17/06
108–114	A 47 C	13/00
		17/04
115	A 47 C	13/00
		17/04
116, 117	A 47 C	13/00
		17/12
118	A 47 C	13/00
119–128	A 47 B	85/04
129, 130	A 47 C	13/00
131–133	A 47 C	3/02
		13/00
	A 47 D	1/08
134	A 47 D	1/10
135–174	A 47 B	39/00
		83/02
175–179	A 47 C	9/04
180	A 47 C	7/72
		31/00
181	A 63 G	9/10
182	A 47 0	15/00
183	A 47 C	4/52
		31/00
184	A 47 C	7/10
		29/00
185, 186	A 47 C	7/62
		31/00
187	A 47 C	9/14
188–194	A 47 C	7/62
195	B 62 J	1/00
196	B 62 J	1/02
197	B 62 J	1/24
198	B 62 J	1/02
199, 200	B 62 J	1/26
201–203	B 62 J	1/00
204–207	B 62 J	1/10
208–213	B 62 J	1/02
214	B 62 J	1/18
215	B 62 J	1/02
216	B 60 R	21/00
217	A 47 C	7/62
		31/00
218, 219	A 47 C	27/00
		31/00
220–222	A 61 G	15/00
223–229	A 47 C	27/00
		31/00
230, 231	A 47 C	7/02
232–238	A 47 C	15/00
239	A 47 C	3/04
240–249	A 47 C	15/00
250–256	A 47 C	1/08
	A 47 0	1/10
257	A 47 C	15/00
258–272	A 47 C	3/02
	A 47 0	13/10
273–282	A 47 0	13/10
	A 63 G	9/00
283	A 47 C	27/00
284	A 47 C	3/00
		25/00
285–309	A 47 C	3/00
	B 60 N	1/02
310	A 47 C	3/00
311–349	A 47 C	1/02
		1/06
		1/12
	A 61 G	15/00
	B 60 N	1/02
350, 351	A 47 C	1/14
		4/28
		15/00
352	A 47 C	15/00
	A 47 0	1/10
353–0383	A 47 C	1/00
353–383	B 60 N	1/02
391–410	A 47 C	1/10
		7/12
		7/36
	A 61 G	15/00
	B 60 R	22/28
411	A 47 C	7/54
412, 413	A 47 C	7/54
	B 60 N	3/02
414–417	A 47 C	7/54
	B 60 N	1/06
418	A 47 C	5/02
		7/12
		7/54
419–421	A 47 C	5/04
		7/12
		7/54
422	A 47 C	1/12
		7/54
423–425	A 47 C	7/50
426	A 47 C	9/14
427–437	A 47 C	7/50
438, 439	A 47 C	9/12
440–444	A 47 C	7/00
445–451	A 47 C	1/12
		5/00
		7/00
		11/00
452–460	A 47 C	7/02
461, 462	A 47 C	9/00
		25/00
463	A 47 C	15/00
		31/00
464	A 47 C	31/00
	A 47 0	15/00
	B 60 R	21/00
465–485	A 47 C	31/00
	A 47 0	15/00
	A 62 B	35/00
	B 60 R	21/00
		22/04
		22/12
		22/16
		22/18
		22/34
		22/36
		22/46
		22/48
486–488	A 47 C	31/00
	A 47 D	15/00
	B 60 R	21/00

U.S. Class 298

Land vehicles dumping

(IPC B 60 P)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 60 P	1/00
2	B 62 B	1/00
		3/00
3	B 62 B	1/00
4	B 62 B	17/06
5, 6	B 62 B	1/00
		3/00
7	B 60 P	1/00
	B 65 G	67/24
8	B 60 P	3/24
	B 65 G	67/32
9	B 60 P	1/30
10	B 65 G	67/50
11	B 60 P	1/34
	B 65 G	67/32
12–16	B 60 P	1/30
	B 65 G	67/32
17–23	B 60 P	1/04
		1/28
	B 61 0	9/00
	B 65 G	67/32
24–26	B 60 P	1/00
	B 61 0	7/00
27–37	B 60 P	1/04
		1/56
	B 61 0	7/00
38	B 60 P	1/00

U.S. Class 299

Mining or in situ disintegration of hard material

(IPC E 21 C)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	E 21 C	
3, 4	E 21 C	41/00
		43/00
5	E 21 B	
	E 21 C	41/08
6	E 21 C	41/14
7–9	E 02 F	7/00
10–13	E 21 C	37/00
		41/00
		45/00
		47/02
14	E 21 C	37/16
		37/20
15–18	E 21 C	37/00
		41/00
		45/00
19	E 21 C	41/00
20	E 21 C	37/00
21, 22	E 21 C	37/06
23	E 21 C	37/02
24–28	E D2 B	15/02
29	E 21 C	
30	E 21 C	35/24
31, 32	E 21 C	29/00
33	E 21 D	9/08
		23/00
34	E 21 C	27/32
35	E 21 C	27/00
36–41	E 21 C	47/00
42	E 21 C	
43–46	E 21 C	35/20
47–54	E 21 C	
55–62	E 21 C	1/00
	E 21 D	9/10
63	E 21 C	27/00
64–68	E 21 C	35/02
		47/04
69, 70	E 21 C	3/00
71–78	E 21 C	25/00
79–94	E 21 B	10/00
95	E 21 C	

U.S. Class 300

Brush, broom and mop making

(IPC A 46 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 46 B	15/00
2	A 46 D	
3	A 46 0	3/06
4	A 46 D	3/04
5	A 46 0	1/04
6	A 46 B	3/16
7	A 46 D	1/04
8	A 46 B	3/00
9	A 46 0	1/08
10, 11	B 25 B	1/20
		11/00
12	A 46 0	7/00

U.S. Class 300—Con.

U.S. Subclass	IPC Subclass	IPC Notation
13–15	A 46 D	9/00
16	A 46 D	9/00
	A 47 L	13/20
17	A 46 D	9/00
18	A 46 D	1/04
19	A 46 D	3/08
20	B 25 G	3/00
21	A 46 B	
	A 46 D	

U.S. Class 301

Land vehicles, wheels and axles

(IPC B 60 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–2.5	B 60 B	37/00
5	B 60 B	1/00
		27/00
5.3, 5.7	A 63 C	17/22
6	A 63 C	17/12
		17/14
	B 60 B	19/00
	B 60 K	
	B 60 T	
7	B 60 B	1/00
		27/00
8	B 60 B	3/12
9	B 60 B	1/00
		27/00
10	B 60 B	23/00
		25/00
11–29	B 60 B	23/00
30–34	B 60 B	21/02
		25/00
35	B 60 B	21/00
		25/00
36	B 60 B	11/00
37	B 60 B	7/00
	B 60 R	13/00
		19/00
38	B 60 B	11/00
		15/00
39, 40	B 60 C	17/00
		19/00
41–53	B 60 B	15/00
		39/00
54	B 60 B	1/00
		23/00
55–61	B 60 B	1/02
62–85	B 60 B	1/06
86–94	B 60 B	3/00
		5/00
		19/00
95–103	B 60 B	21/00
		25/00
104	B 60 B	1/00
		5/00
		9/26
105–110	B 60 B	27/00
111–122	B 60 B	27/02
		27/06
		37/00
123	B 60 B	19/00
		25/22
124–136	B 60 B	35/00
		37/00

U.S. Class 303

Fluid-pressure brake and analogous systems

(IPC B 60 T)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 60 T	17/00
2, 3	B 60 T	13/74
4	B 60 T	13/46
5–9	B 60 T	13/00
10	B 60 T	13/16
11	B 60 T	13/18
12	B 60 T	13/46
13	B 60 T	15/16
		17/02
14	B 60 T	11/20
15	B 60 T	7/00
		13/70
		15/14
16	B 60 T	7/12
17	B 60 T	13/68
18	B 60 T	7/16
		7/18
19	B 60 T	7/14
20	B 60 T	13/66
		13/68
		13/70
		13/72
		15/14
22, 23	B 60 T	8/18
24	B 60 T	8/00
25	B 60 T	13/62
26	B 60 T	17/04
27	B 60 T	15/18
		17/18
28	B 60 T	8/00
		10/00
		15/18
29, 30	B 60 T	17/04
31	B 60 T	13/52
32	B 60 T	15/20
33, 34	B 60 T	11/34
35	B 60 T	8/00
		15/12
36	B 60 T	15/52
37	B 60 T	15/30
		15/44
38	B 60 T	15/42
39	B 60 T	11/26
		13/14
40	B 60 T	15/02
41	B 60 T	11/28
42	B 60 T	13/40
		13/52
		17/18
43	B 60 T	17/18
44	B 60 T	15/18
45	B 60 T	15/36
46	B 60 T	13/10
		13/12
		13/14
		13/16
		13/18
		13/20
47	B 60 T	15/46
	B 61 H	13/00
48	B 60 T	11/02
49	B 60 T	11/10
50	B 60 T	15/04
51	B 60 T	15/16
		17/20
52	B 60 T	15/06
53	B 60 T	13/00
54	B 60 T	15/12
55	B 60 T	15/08
56	B 60 T	
57	B 60 T	15/20
		15/24
		15/34
58	B 60 T	15/56
59	B 60 T	13/18
60	B 60 T	11/34
		15/36
61	B 60 T	15/58
62	B 60 T	15/00
63	B 60 T	7/12
		13/00
64	B 60 T	15/38
65	B 60 T	15/56
66	B 60 T	17/06
67	B 60 T	11/28
		15/00
68	B 60 T	15/02
69	B 60 T	15/32
70	B 60 T	15/50
71	B 60 T	13/22
72	B 60 T	15/46
73	B 60 T	15/18
74	B 60 T	15/54
75	B 60 T	15/54
		17/16
76	B 60 T	15/06
77	B 60 T	11/32
		15/18
		15/54
78	B 60 T	13/14
		13/28
79	B 60 T	15/00
80	B 60 T	15/50
81	B 60 T	11/32
		15/00
		17/04
82	B 60 T	17/04
83	B 60 T	15/54
84	B 60 T	15/46
85	B 60 T	11/34
86	B 60 T	11/26
87	B 60 T	17/04
		17/08
89	B 60 R	25/08
	B 60 T	17/16
90	B 60 T	15/00
91	B 60 T	8/32
92	B 60 T	8/88
93	B 60 T	8/86
94	B 60 T	8/72
95	B 60 T	8/78
96	B 60 T	8/82
97	B 60 T	8/74
		8/80
98	B 60 T	8/76
99	B 60 T	8/84
100–102	B 60 T	8/58
103, 104	B 60 T	8/60
105, 106	B 60 T	8/70
107	B 60 T	8/62
108	B 60 T	8/66
109	B 60 T	8/68
110, 111	B 60 T	8/64
112	B 60 T	8/00
		8/52
113	B 60 T	8/34
		13/68
		13/70
		15/52
114	B 60 T	8/44
115	B 60 T	8/42
116	B 60 T	8/40
		13/70
117	B 60 T	8/00
		8/48
		13/68
		13/70
118	B 60 T	8/00
		8/38
		13/68
		13/70
		15/08
		15/12
		15/18
119	B 60 T	8/00
		8/36
		13/68
		15/02

U.S. Class 305

Wheel substitutes for land vehicles

(IPC B 62 D)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	B 62 D	57/02
4, 5	B 60 B	15/18
	B 62 D	57/02
6, 7	B 62 D	55/00
		55/084
8	B 61 F	11/00
9, 10	B 62 D	55/00
11–13	B 60 S	1/62
	B 62 D	25/16
		55/088
14	B 60 B	
	B 62 D	55/00
		55/092
15	B 60 B	19/02
	B 62 D	55/04
16–18	B 62 D	55/10
19	B 62 D	55/07
20–32	B 62 D	55/14
33	B 62 D	55/00
34	B 60 B	19/06
	B 60 C	5/00
	B 62 D	55/00
		55/247
35–38	B 62 D	55/205
39–59	B 62 D	55/08
		55/21
		55/215
		55/253
		55/27
		55/275
60	B 60 B	19/00
	B 62 D	55/00
		57/00

U.S. Class 307

Electrical transmission or interconnection systems

(IPC H 02 J)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 J	1/00
		3/00
	H 04 B	3/54
2	H 02 J	3/02
	H 04 B	3/54
3	H 02 J	3/02
		3/34
	H 04 B	3/54
4	H 02 J	1/00
		3/00
	H 04 B	3/54
5–6	H 02 J	1/00
		3/00
	H 04 B	3/54
7–8	H 02 J	1/00
		3/00
	H 04 B	3/54
9	B 60 L	1/00
		3/00
	H 02 G	3/00
	H 02 J	1/00
		3/00
10	B 62 D	45/00
	H 02 G	3/00
	H 02 J	1/00
		3/00
11	H 02 J	1/00
		3/00
12	H 02 J	1/08
		3/00
13	H 02 J	3/00
14	H 02 J	3/26
15–16	H 02 J	1/00
		3/00
17	H 02 J	3/00
18	H 02 J	1/10
		3/38
		7/34
19	H 02 J	1/10
		3/06
		3/38
		7/34
20	H 02 J	1/10
		3/06
		3/46
21	H 02 J	1/12
		3/02
		3/38
22	H 02 J	3/02
23	H 02 J	1/10
		3/38
		9/00
24	H 02 J	1/10
		3/46
25	H 02 J	1/12
		3/02
		3/04
		3/38
26	H 02 J	3/02
		3/04
		3/38
27	H 02 J	3/02
		3/34
28	H 02 J	1/10
		3/00
29	H 02 J	1/10
		3/00
	H 02 M	1/10
	H 02 P	
30	H 02 J	1/00
		3/00
31–32	H 02 J	1/00
		3/00
	H 02 M	
	H 02 P	
33	H 02 J	1/00
		1/04
		3/00
		3/10
34–35	H 02 J	1/00
		1/04
		3/00
		3/14
36	H 02 J	1/00
		3/00
37–41	H 02 J	1/00
		3/00
		3/14
42–43	H 02 J	
44	H 02 J	1/10
		3/38
		7/34
45	H 02 J	1/12
		3/30
		3/34
		3/38
		5/00
	H 03 K	19/082
		19/09
		19/20
46	H 02 J	1/12
		3/32
		3/34
47	H 02 J	1/16
		3/30
		3/38
48–49	H 02 J	3/32
		7/34
50	H 02 J	3/32
		7/34
		7/36
51–53	H 02 J	1/10
		3/38
		7/34
54	H 02 J	1/00
		3/00
		7/00
55–56	H 02 J	1/12
		3/00
		7/34
57–58	H 02 J	1/10
		3/00
59	H 02 J	1/10
		3/00
60	H 02 J	1/04
		3/10
		7/34
61	H 02 J	1/00
		3/00
		7/00
62	H 02 J	1/10
		3/38
		7/34
63	H 02 J	1/00
		3/00
		7/00
64–67	H 02 J	7/00
		9/00
68	H 01 F	1/00
		3/00
	H 02 J	1/16
		3/30
		9/00
81–87	H 02 J	1/00
		3/00
89	H 04 B	3/28

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 307—Con.		
		3/30
		3/32
		15/00
	H 05 K	9/00
90	**H 04 B**	3/28
		3/30
		3/32
		15/00
	H 05 K	
91	**H 04 B**	3/28
		3/30
		3/32
		15/00
	H 05 K	9/00
95	**B 01 D**	13/02
		59/40
	H 01 B	7/28
96–97	**H 01 H**	31/34
		47/02
	H 02 J	7/22
98	**G 05 F**	1/10
	H 01 H	47/02
		51/34
99	**G 05 F**	1/10
	H 01 H	47/02
		51/34
	H 02 J	7/18
	H 02 P	9/18
100	**H 01 H**	79/00
	H 02 H	
101	**H 01 F**	13/00
		27/42
	H 02 P	9/12
102	**H 02 J**	3/24
103	**H 02 J**	1/00
		3/12
104	**H 01 F**	27/42
		35/00
		37/00
105	**H 02 J**	1/02
	H 02 M	1/12
		1/14
106–108	**H 03 K**	3/00
		3/64
109	**H 02 M**	3/06
110	**H 02 M**	3/18
111	**H 02 H**	1/04
112	**H 01 H**	
	H 02 B	1/24
	H 02 J	
113–114	**H 01 H**	19/64
		31/10
		33/52
		33/59
		47/00
		85/46
	H 02 B	1/24
115	**H 01 H**	19/14
		31/10
		32/52
		33/59
		47/00
		85/46
	H 02 B	1/24
116	**H 01 H**	35/00
		83/00
	H 02 B	1/24
117	**H 01 H**	35/00
		35/14
		37/00
		47/24
		47/26
	H 02 B	1/24
118	**H 01 H**	35/18
		35/24
		35/42
		45/00
	H 02 B	1/24
119	**H 01 H**	35/00
	H 02 B	1/24
120	**H 01 H**	35/00
		35/06
		35/10
	H 02 B	1/24

U.S. Subclass	IPC Subclass	IPC Notation
121	**H 01 H**	35/00
		35/14
	H 02 B	1/24
122	**H 01 H**	1/24
		35/00
		35/06
		35/12
	H 02 B	1/24
	H 02 H	
124	**H 01 H**	35/00
	H 02 B	1/24
125	**H 01 H**	47/00
		83/00
	H 02 B	1/24
	H 02 H	
126	**H 01 H**	35/00
		47/00
		83/18
	H 02 B	1/24
	H 02 H	3/02
		3/42
		35/00
		47/00
		83/00
129	**H 01 H**	35/00
		47/20
		83/00
	H 02 B	1/24
	H 02 H	3/00
130	**H 01 H**	35/00
		47/00
		83/10
		83/12
		83/14
	H 02 B	1/24
	H 02 H	3/14
		3/20
		3/24
		3/26
131	**H 01 H**	35/00
		47/00
		83/02
		83/06
		83/08
		83/14
	H 02 B	1/24
	H 02 H	3/08
		3/12
		3/16
		3/18
		3/26
132	**H 01 H**	47/00
		51/34
134	**H 01 H**	
135	**H 01 H**	9/30
137–138	**H 01 H**	1/50
		1/60
		9/30
		33/00
139	**H 01 H**	3/00
		9/54
140	**H 01 H**	3/26
		3/28
		9/54
141	**H 01 H**	7/00
		43/00
141.4–141.8	**H 01 H**	3/34
		33/59
142	**H 01 H**	3/00
143	**H 01 H**	3/26
		3/28
		33/36
		33/38
		47/00
		61/00
144	**H 01 H**	3/24
		33/30
		35/24
145	**H 01 R**	39/00
	H 02 G	11/00
146	**H 02 J**	

U.S. Subclass	IPC Subclass	IPC Notation
147	**H 01 B**	7/30
		11/02
	H 02 B	1/20
	H 02 G	
149	**H 02 J**	
150	**H 02 J**	7/00
		9/00
151	**H 02 M**	
152	**H 02 J**	
153	**H 02 J**	
	H 02 P	9/00
154–156	**H 02 J**	
157	**H 02 J**	9/02
200	**H 01 L**	
	H 03 K	
201	**H 03 K**	19/08
		19/12
		19/20
202.1	**H 02 H**	7/20
219	**H 01 J**	19/82
219.1	**H 03 B**	19/00
227	**H 03 K**	4/02
228	**H 03 K**	4/08
		4/84
231–236	**H 03 K**	5/22
238.1–238.8	**G 11 C**	11/00
	H 03 K	5/00
		17/00
239–244	**H 03 K**	17/56
245	**H 03 K**	17/92
246, 247	**H 03 K**	17/56
248–255	**H 03 K**	17/60
256, 257	**H 03 K**	17/74
258	**H 03 K**	17/58
		17/70
259	**H 03 K**	17/74
260	**H 03 K**	4/00
		5/01
		6/00
261	**H 03 K**	5/00
262	**H 03 K**	5/00
263	**H 03 K**	5/12
		6/04
264	**H 03 L**	5/00
265–267	**H 03 K**	3/017
		5/04
268	**H 03 K**	5/01
		12/00
269	**H 03 K**	5/13
	H 03 L	7/00
270	**H 03 K**	3/01
		3/26
271	**H 03 L**	7/00
272–274	**H 03 K**	3/284
275–276	**H 03 K**	3/30
277	**H 03 K**	3/00
		3/38
278	**H 03 K**	3/00
279	**H 03 K**	3/26
280, 281	**H 03 K**	3/33
282	**H 03 K**	3/30
283	**H 03 K**	3/335
284	**H 03 K**	3/35
285	**H 03 K**	3/26
286	**H 03 K**	3/00
		3/315
287	**H 03 K**	3/313
		3/35
288	**H 03 K**	3/26
289–292	**H 03 K**	3/29
296	**H 03 K**	3/01
		3/01
297	**H 03 K**	3/01
298	**H 03 K**	17/84
		19/168
299	**H 03 K**	3/26
		17/60
		19/08
300	**H 03 K**	3/33
		17/60
		19/08
301–303	**H 03 K**	3/26
		3/335
		7/60
304	**H 03 K**	3/353
305	**H 03 K**	3/35

U.S. Subclass	IPC Subclass	IPC Notation
		17/72
306	**H 03 K**	3/38
307	**H 03 K**	3/38
308	**H 03 K**	
309	**H 03 K**	17/90
		19/18
310	**H 01 L**	31/00
	H 03 K	3/26
311	**H 03 K**	3/42
		19/14
313	**H 03 K**	3/26
		17/56
		19/08
314	**H 03 K**	3/45
		3/49
		3/51
		19/16
315, 316	**H 03 K**	3/26
		17/56
		19/08
317	**H 03 K**	3/26
		3/313
		3/33
		3/35
		17/58
		17/74
		19/08
		19/10
		19/12
318	**H 03 K**	3/26
		19/08
319	**H 03 K**	3/33
		17/74
		19/08
		19/12
320, 321	**H 03 K**	3/26
		17/58
		19/08
322–325	**H 03 K**	4/787
326	**H 02 H**	
327	**H 02 H**	1/04
		3/22
	H 04 B	1/02
		15/02
328	**H 02 H**	
350	**H 03 K**	5/153
		5/159
		5/22
351	**H 03 K**	5/153
352, 353	**H 03 K**	5/159
354	**H 03 K**	5/153
355	**H 03 K**	5/22
356	**H 03 K**	5/153
		5/22
357	**H 03 K**	5/22
358–364	**H 03 K**	5/153
400	**G 11 C**	13/02
401	**H 03 H**	7/02
402	**G 11 C**	11/20
403	**H 03 K**	19/162
404	**H 03 K**	17/56
405	**G 11 C**	11/20
406	**G 11 C**	13/02
407–411	**H 03 K**	17/80
412	**H 01 F**	27/42
413	**H 03 K**	17/82
414–418	**G 11 C**	13/02
419–421	**H 02 M**	5/10
422, 423	**G 11 C**	13/02
424	**H 03 F**	7/04
425–430	**H 03 F**	7/00
440.	**H 03 K**	19/00
		19/02
		19/20
440	**H 03 K**	19/00
		19/02
441.	**H 03 K**	19/003
441	**G 06 F**	11/16
	H 03 K	19/003
		19/007
442	**H 03 K**	19/007
443	**H 03 K**	17/16
		19/003
444	**H 01 L**	29/78
	H 03 K	19/08

U.S. Subclass	IPC Subclass	IPC Notation
445	**H 03 K**	19/20
446	**H 03 K**	19/02
		19/08
		19/084
447	**H 03 K**	19/04
		19/06
448	**H 03 K**	19/017
		19/094
		19/20
449	**G 11 C**	80/00
	H 03 K	19/094
		19/20
450, 451	**H 03 K**	19/094
		19/20
452, 453	**H 03 K**	19/096
		19/20
455	**H 03 K**	19/086
		19/20
456	**H 03 K**	19/088
		19/20
457, 458	**H 03 K**	19/084
		19/12
		19/20
459	**H 03 K**	19/091
		19/20
460	**H 03 K**	19/12
		19/20
461	**H 03 K**	19/10
		19/20
462	**H 03 K**	19/195
		19/20
463	**G 11 C**	8/00
	H 03 K	19/082
		19/094
464	**H 03 K**	19/23
465	**G 06 F**	7/38
	H 03 K	19/173
466	**G 06 F**	7/38
	H 03 K	19/082
		19/173
467	**G 06 F**	7/38
	H 03 K	19/086
		19/173
468, 469	**G 06 F**	7/38
	H 03 K	19/094
		19/173
470	**H 03 K**	19/02
		19/20
471, 472	**G 06 F**	7/50
	H 03 K	19/21
473, 474	**H 03 K**	19/00
		19/02
475	**H 03 K**	19/092
476	**H 03 K**	19/195
477	**H 03 K**	19/091
		19/094
478	**H 03 K**	19/00
		19/10
479	**H 03 K**	19/00
480	**H 03 K**	19/00
		19/02
		19/096
481	**H 03 K**	19/096
482	**H 03 K**	19/01
		19/082
		19/094
490	**G 06 G**	7/12
		7/18
		7/26
491	**G 06 G**	7/10
		7/12
	H 03 F	1/30
492	**G 06 F**	7/556
	G 06 G	7/24
493	**G 06 G**	7/12
		7/163
	H 03 G	3/00
494, 495	**G 06 G**	7/12
	H 03 F	3/45
	H 03 K	5/22
496	**G 06 G**	7/12
	H 03 F	3/18
		3/45
	H 03 K	5/22
497	**G 06 G**	7/12
	H 03 F	3/16

U.S. Class 307—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		3/45
	H 03 K	5/22
498	G 06 G	7/12
	H 03 K	5/22
		12/00
499	G 06 G	7/12
	H 03 F	3/00
		5/00
500	G 06 G	7/12
	H 03 F	3/18
501	G 06 G	7/12
	H 03 F	3/16
502	G 06 G	7/12
	H 03 F	3/12
503	G 06 G	7/12
	H 03 F	3/10
	H 03 K	17/74
510	G 05 F	5/00
	H 03 K	5/26
	H 03 L	7/00
511	G 05 F	5/00
	H 03 L	7/00
512	G 01 R	11/20
	H 03 L	7/00
513	H 03 K	5/13
	H 03 L	7/00
514–516	G 01 R	25/00
	H 03 K	5/26
517	G 01 R	19/12
		29/02
	H 03 K	5/19
518	G 01 R	19/145
		23/00
519	G 01 R	23/06
	H 03 K	5/19
520, 521	H 03 B	1/00
	H 03 K	5/00
	H 04 B	1/10
522–524	H 03 D	3/00
	H 03 K	9/06
525–528	H 03 D	13/00
	H 03 K	9/06
	H 03 L	7/00
529	G 06 G	7/00
	H 03 B	19/00
530	G 01 R	19/00
	G 11 C	7/00
	H 03 F	3/45
540	H 01 P	1/22
	H 03 F	1/26
	H 03 K	5/08
	H 03 L	5/00
	H 04 B	1/64
		3/00
541	G 05 F	3/00
	H 03 K	5/08
542–551	H 03 B	1/04
	H 03 K	5/00
	H 04 B	1/10
		15/00
552–554	H 03 K	5/08
	H 03 L	5/00
555, 556	H 03 B	19/00
	H 03 K	3/01
		3/04
557–561	H 03 K	5/08
	H 04 B	3/00
562–568	H 03 K	5/08
570	H 03 K	17/60
571–585	H 03 K	17/687
590–608	H 03 K	5/13
		5/159
		17/28

U.S. Class 308

Machine elements, bearings and guides

(IPC F 16 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 16 C	9/00
		17/00
		19/00
		27/00
		29/00
		31/00
2	F 16 C	7/00
		9/00
		11/00
	F 16 J	1/14
3	F 16 C	5/00
		17/00
		21/00
		23/02
		25/02
		29/00
3.5	F 16 C	17/00
		21/00
		29/00
3.6	F 16 C	21/00
		29/00
3.8	F 16 C	21/00
		29/00
		35/02
3.9	F 16 C	1/26
		21/00
		29/00
		35/00
4	F 16 C	1/26
		17/00
		21/00
		29/00
5	F 16 C	1/24
		17/00
		21/00
		33/10
		33/74
6	F 16 C	17/00
		19/00
		21/00
		29/00
		31/00
6.1	F 16 C	17/00
7	F 16 C	1/20
		17/00
		19/00
		21/00
		29/00
		31/00
10	F 16 C	35/00
		39/00
38	F 16 C	13/02
		35/00
39	F 16 C	13/02
		33/00
		35/00
40	F 16 C	13/02
		35/00
41	F 16 C	13/02
		35/00
42–52	F 16 C	13/02
		35/00
53, 54	F 16 C	13/02
		33/00
		35/00
55	F 16 C	13/02
		23/00
		35/00
56	F 16 C	13/02
		33/00
		35/00
57	F 16 C	13/02
		35/00
79	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
	F 16 N	7/00
79.1, 81	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
82	B 61 F	17/06
	F 16 C	1/24
		13/02
		33/66
83	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
84	B 61 F	17/24
	F 16 C	1/24
		13/02
		33/66
85	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
86	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
87	B 61 F	17/06
	F 16 C	1/24
		13/02
		33/66
88	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
89	B 61 F	17/06
	F 16 C	1/24
		13/02
		33/66
89.1	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
90	B 61 F	17/14
	F 16 C	1/24
		13/02
		33/66
91	B 61 F	17/00
	F 16 C	1/24
		13/02
		33/66
173	F 16 C	19/00
		21/00
		33/00
174–176	F 16 C	19/04
		19/10
		19/14
		19/34
177	F 16 C	19/04
		19/24
		19/34
178	F 16 C	35/00
179, 179.5	F 16 C	3/06
		9/00
180	F 16 C	13/02
181	F 16 C	13/00
182	F 16 C	13/02
183	F 16 C	19/00
		21/00
		33/00
184	F 16 C	27/00
185, 186	F 16 C	19/00
		21/00
		33/00
187–187.2	F 16 C	1/24
		33/78
188	F 16 C	19/00
		21/00
		33/30
189	F 16 C	13/00
		33/00
		35/00
190–193	F 16 C	33/00
194	F 16 C	9/06
		23/08
		25/08
		33/00
195–198	F 16 C	13/00
		33/00
199, 200	F 16 C	19/20
		33/00
201	F 16 C	19/20
		33/38
202	F 16 C	19/00
		21/00
		23/06
		25/06
		27/04
		29/04
		31/00
203–205	F 16 C	13/00
		35/00
206	F 16 C	33/00
207	F 16 C	13/00
		33/00
		35/00
208	F 16 C	19/00
		35/00
209	F 16 C	19/20
		35/00
210	F 16 C	35/00
211	F 16 C	33/00
		35/00
212	F 16 C	13/00
		33/00
213, 214	F 16 C	33/00
215	F 16 C	19/00
		33/00
216	F 16 C	33/58
217	F 16 C	19/20
		33/46
218	F 16 C	33/00
219–226	F 16 C	19/00
227	F 16 C	19/04
		19/10
		19/14
		19/30
228	F 16 C	35/08
229–231	F 16 C	17/06
		17/08
		19/10
		19/30
232	F 16 C	17/10
		19/14
		19/34
233	F 16 C	19/00
		19/04
234	F 16 C	19/00
		19/22
235	F 16 C	33/38
		33/58
236	F 16 C	33/30
241, 243	F 16 C	1/24
		33/00
244, 245	F 16 C	33/00

U.S. Class 310

Electrical generator or motor structure

(IPC H 02 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 09 B	23/18
		25/02
	H 02 K	
10	H 02 K	
11	G 21 D	7/02
	H 02 K	44/00
12–14	H 02 K	41/00
15	H 02 K	33/00
		35/00
16	H 02 K	9/00
		33/00
		35/00
17	H 02 K	7/00
		33/00
		35/00
19	H 02 K	7/00
		33/00
		35/00
20–24	H 02 K	7/06
		33/00
		35/00
25	H 02 K	33/00
		35/00
26	H 01 L	41/06
		41/12
		41/20
	H 02 N	2/00
27–30	H 02 K	33/00
		35/00
31–34	H 02 K	33/10
		33/14
		35/00
35	H 02 K	33/14
		35/00
36	H 02 K	33/00
		35/00
37	H 02 K	7/06
		33/00
		35/00
38	H 02 K	33/00
		35/00
39	H 02 K	33/10
		33/14
		35/00
40	H 02 K	
40.5	H 02 K	7/00
41	H 02 K	7/10
42	H 02 K	15/00
43	H 02 K	1/04
44, 45	H 02 K	15/12
46	H 02 K	37/00
47	H 02 K	7/14
		37/00
48	H 02 K	37/24
49	H 02 K	37/00
50	H 02 K	7/14
51	H 02 K	5/24
52, 53	H 02 K	9/00
54	H 02 K	9/00
		9/20
55	H 02 K	9/00
56	H 02 K	9/26
57	H 02 K	9/08
58, 59	H 02 K	9/00
60	H 02 K	9/00
		9/06
61	H 02 K	1/32
		9/00
		9/06
62, 63	H 02 K	9/00
		9/06
64, 65	H 02 K	1/32
		3/24
		5/18
		5/20
		9/00
66, 67	H 02 K	7/00
		68/73
68–73	H 02 K	11/00
74	H 02 K	7/02
75–79	H 02 K	7/10
80–84	H 02 K	7/06
		7/10
85–88	H 02 K	5/10
		5/12
89	H 02 K	5/00
90	H 02 K	5/16
		7/08
91	H 02 K	5/00
92–95	H 02 K	49/00
	H 02 P	15/00
96–100	H 02 K	7/10
		49/00
	H 02 P	15/00
101	H 02 K	49/00
	H 02 P	15/00
102	H 02 K	49/00
		51/00
	H 02 P	15/00
103	H 02 K	49/00
	H 02 P	15/00
104	H 02 K	5/10
		49/00
	H 02 P	15/00
105	H 02 K	49/02
	H 02 P	15/00
106–110	H 02 K	49/02
	H 02 P	15/00
111	H 02 K	39/00
112	H 02 K	7/20
		17/44
		19/38
		47/00
113	H 02 K	47/04
		47/14
		47/20
114	H 02 K	16/00
		16/02
115–124	H 02 K	23/60

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 310—Con.		
125	H 02 K	
126	H 02 K	21/10
127	H 02 K	13/00
		23/36
		27/24
		47/28
128	H 02 K	13/00
		47/08
		47/16
		47/28
129, 130	H 02 K	13/00
		47/08
131–142	H 02 K	13/04
		23/50
		27/16
		27/24
143–147	H 02 K	13/02
148–150	H 02 K	13/00
151	H 02 K	13/00
152	H 02 K	21/00
		23/04
153	H 02 K	21/22
154	H 02 K	21/26
		21/38
		23/04
155	H 02 K	21/38
156	H 02 K	21/12
157	H 02 K	
158	H 02 K	23/64
159	H 02 K	17/00
		19/00
		21/00
		27/00
		29/00
		33/04
		39/00
		47/00
		49/00
160	H 02 K	47/18
		47/22
161	H 02 K	47/18
		47/30
162	H 02 K	19/00
		21/00
163, 164	H 02 K	19/00
		21/04
165	H 02 K	19/12
		19/26
166	H 02 K	17/00
167	H 02 K	17/00
		27/10
168–170	H 02 K	17/42
		19/20
		19/24
171	H 02 K	17/42
		19/20
		19/24
172	H 02 K	17/10
173	H 02 K	27/00
174, 175	H 02 K	27/04
176	H 02 K	27/06
		27/10
177	H 02 K	23/00
		31/00
178	H 02 K	31/00
179	H 02 K	1/00
		3/00
180–182	H 02 K	1/00
		3/00
		19/26
		21/00
		23/02
183	H 02 K	1/10
		3/16
		3/20
		19/26
		21/00
		23/02
184, 185	H 02 K	1/00
		3/00
		19/26
		21/00
		23/02
186	H 02 K	1/10
		3/16
		3/20
		17/28
		19/26
		21/00
		23/20
		23/22
187	H 02 K	1/00
		3/00
		19/26
		21/00
		23/42
188, 189	H 02 K	1/00
		3/00
		19/26
		21/00
		23/02
190	H 02 K	1/00
		3/00
		19/26
		21/00
		23/46
191–194	H 02 K	1/00
		3/00
		19/26
		21/00
		23/40
195	H 02 K	1/00
		3/00
		17/00
		19/00
		21/00
		23/26
		27/02
196	H 02 K	1/00
		3/40
		17/00
		19/00
		21/00
		23/26
		27/06
197	H 02 K	1/00
		3/03
		17/16
		19/00
		21/00
		23/26
		27/06
198, 199	H 02 K	1/00
		3/00
		17/00
		19/00
		21/00
		23/26
		27/02
200	H 02 K	3/00
		17/00
		19/00
		21/00
201	H 02 K	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
202	H 02 K	3/04
		17/00
		19/00
		21/00
		23/28
		27/02
203	H 02 K	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
204	H 02 K	3/04
		3/38
		17/00
		19/00
		21/00
		23/28
		27/02
205	H 02 K	3/04
		17/00
		19/00
		21/00
		23/30
		27/02
206	H 02 K	3/04
		17/00
		19/00
		21/00
		23/32
		27/02
207, 208	H 02 K	3/04
		17/00
		19/00
		21/00
		23/26
		27/02
209	H 02 K	1/06
		17/00
		19/00
		21/00
		23/44
		27/02
210	H 02 K	3/04
		17/16
		17/22
		19/14
		21/00
		23/20
		27/06
211	H 02 K	17/16
		17/22
		17/42
		19/14
212	H 02 K	17/18
		17/20
		17/42
213	H 02 K	3/14
		3/20
214	H 02 K	3/48
215	H 02 K	3/34
216	H 02 K	1/00
217	H 02 K	1/06
218	H 02 K	1/18
		1/28
219	H 01 R	39/00
	H 02 K	13/00
220–222	H 01 R	39/46
	H 02 K	13/06
		13/10
		13/14
223	H 01 R	39/52
	H 02 K	1/10
		3/16
		3/20
		23/22
		23/24
		27/22
224	H 01 R	39/04
	H 02 K	1/10
		3/16
		3/20
		13/14
		23/22
		23/24
		27/22
225	H 01 R	39/04
		39/52
	H 02 K	1/10
		3/16
		3/20
		13/14
		23/22
		23/24
		27/22
226	H 01 R	39/52
	H 02 K	3/16
		3/20
		13/14
		14/14
		23/22
		23/24
		27/22
		39/32
227	H 02 K	9/28
		39/00
228	H 01 R	39/56
	H 02 K	13/00
229	H 01 R	39/44
	H 02 K	13/12
230	H 01 R	39/44
	H 02 K	13/00
		23/18
231	H 01 R	
	H 02 K	13/00
232	H 01 R	39/08
	H 02 K	
233	H 02 K	
234	H 02 K	
235	H 01 R	39/16
		39/52
	H 02 K	
236	H 01 R	39/04
	H 02 K	13/04
237	H 01 R	39/06
	H 02 K	13/04
238, 239	H 01 R	39/38
	H 02 K	13/00
240	H 01 R	39/42
	H 02 K	13/00
241	H 01 R	39/44
	H 02 K	13/00
242	H 01 R	39/38
	H 02 K	13/00
243	H 01 R	39/38
		39/42
		39/44
	H 02 K	13/00
244	H 01 R	39/38
	H 02 K	13/00
245–247	H 01 R	39/40
	H 02 K	13/00
248	H 01 R	39/18
	H 02 K	13/00
249	H 01 R	39/36
	H 02 K	13/00
251	H 01 R	39/24
	H 02 K	13/00
252	H 01 R	39/20
	H 02 K	13/00
253	H 01 R	39/26
	H 02 K	13/00
254–259	H 02 K	1/12
260	H 02 K	3/46
261–268	H 02 K	1/22
269	H 02 K	1/24
270	H 02 K	3/46
271	H 02 K	3/48
272	H 02 K	1/00
		3/00
273	H 02 K	
300	H 02 N	
301–305	G 21 H	1/00
306, 307	H 02 N	7/00
308, 309	H 02 N	1/00
310	H 02 N	1/04
311–371	H 01 L	41/04
		41/08
		41/18
	H 02 N	2/00

U.S. Class 312

Supports, cabinet structures

(IPC A 47 B)

1	A 61 G	11/00
3–6	E 04 H	1/12
		1/14
7.1, 7.2	A 47 B	5/00
		81/06
8–19	A 47 B	81/06
	A 47 F	1/04
	G 11 B	33/02
20	A 47 B	81/00
	G 03 B	17/56
		21/54
21–30	A 47 B	81/00
31–31.3	A 24 F	25/00
	A 47 B	81/00
	B 01 F	3/06
33	A 47 G	33/00
35, 36	A 47 F	1/00
		3/02
	B 65 B	59/00
	B 65 G	1/04
		69/00
	F 25 D	
	G 07 F	
37	B 65 H	19/00
		49/00
38–41	B 65 H	19/00
42, 43	A 47 F	1/00
		3/02
	B 65 D	83/08
	B 65 G	1/16
		59/00
45, 49	A 47 F	1/00
		3/02
	B 65 D	83/04
	B 65 G	1/16
		57/20
		59/00
50, 59	A 47 F	1/00
	B 65 H	1/00
60, 61	A 47 F	1/00
	B 65 G	11/00
	B 65 H	1/00
71	A 47 F	1/00
	B 65 G	1/16
		11/00
72, 73	A 47 F	1/00
	B 65 D	83/02
		83/04
	B 65 G	57/20
		59/00
86	B 65 G	59/00
	C 06 F	5/00
91	A 47 F	1/00
	B 65 G	15/00
		17/00
		19/00
97, 97.1	A 47 F	1/00
	B 65 G	15/00
		17/00
		19/00
100, 101	A 47 B	81/00
102	A 47 B	81/00
	A 47 F	3/00
107	A 47 B	77/00
		87/00
107.5	A 47 B	87/00
108	A 47 B	87/00
109, 110	E 06 B	
111	F 16 B	12/00
114, 115	A 47 F	3/00
116	A 47 F	3/04
	F 25 D	11/00
117	A 47 F	3/00
118–121	A 47 F	3/14
122–124	A 47 F	3/00
125	A 47 F	3/10
126, 127	A 47 F	3/14
128–133	A 47 F	3/06
134	A 47 F	3/08
135	A 47 F	3/10
136	A 47 F	3/06
137	A 47 F	9/00
138, 139	A 47 F	3/00
	E 06 B	
140	A 47 F	3/00
	F 16 B	12/00
140.1–140.4	A 47 B	96/18
	A 47 F	9/00
183	A 47 B	63/00
		97/02
	B 42 F	17/00
184	A 47 B	63/00
	B 42 F	15/00
		17/00
185–187	A 47 B	63/00
	B 42 F	9/00
		17/00
188	A 47 B	63/00
	B 42 F	17/00
189	A 47 B	63/00
	B 42 F	13/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 312—Con.		
		17/00
190–192	A 47 B	63/00
	B 42 F	17/00
193	A 47 B	63/00
	B 42 F	7/00
		17/00
194–197	A 47 B	17/00
		19/00
		27/00
		41/00
198–202	A 47 B	53/00
		77/00
		87/00
		95/00
203	A 47 B	53/00
		77/00
		83/04
		95/00
204	A 47 B	17/04
		97/00
205	A 47 B	45/00
		53/00
206, 207	A 46 B	17/00
	A 47 G	29/08
208	A 47 B	21/00
209	A 47 B	81/00
	A 61 B	19/02
	A 61 C	19/02
	B 01 L	9/02
210	A 47 B	81/00
210.5	A 47 B	
	A 47 J	43/22
211, 212	A 47 B	81/00
	A 47 G	29/14
	B 65 O	91/00
213	A 47 B	75/00
		81/00
		97/00
214	A 47 B	81/00
	F 25 O	11/00
215	E 05 B	
216, 217	E 05 B	65/46
	E 05 C	9/10
218	E 05 B	53/00
219	E 05 B	65/46
220–222	E 05 C	7/06
223	A 47 B	77/08
		81/00
224–227	A 47 B	67/00
	A 47 G	1/00
	G 02 B	5/08
228	A 47 B	77/06
	A 47 K	1/04
	A 47 L	19/02
	E 03 C	1/18
229	A 47 B	77/06
	A 47 F	9/00
230	A 47 B	97/04
231, 232	A 47 B	27/00
		63/04
233	A 47 B	41/06
		63/00
		65/00
234–234.5	A 47 B	81/00
	B 42 F	21/00
235	A 47 B	83/00
236	A 47 B	77/08
	A 47 F	3/04
237	A 47 B	83/00
238, 239	A 47 B	81/00
		97/00
240, 241	A 47 B	85/00
242	A 47 B	67/02
243	A 47 B	89/00
		91/00
		95/00
244	A 47 B	95/02
245–248	A 47 B	67/02
	A 47 F	5/08
249–251	A 47 B	91/00
252	A 47 B	49/00
253–256	A 47 B	91/00
		95/00
257	A 47 B	43/00
		48/00
258–262	A 47 B	43/00
		48/00
263–265	A 47 B	48/00
266–269	A 47 B	49/00
		77/16
	A 47 F	5/00
		30/08
270	A 47 B	51/00
271–276	A 47 B	81/00
		97/00
277	A 47 B	83/00
278–281	A 47 B	81/00
		97/00
282	A 47 B	77/10
283	A 47 B	81/00
		97/00
284	A 47 B	81/00
		97/00
	A 47 G	19/26
		19/32
		23/00
285–290	A 47 B	81/00
291, 292	A 47 B	81/00
		97/00
293	A 47 B	77/18
		81/00
		97/00
	A 47 F	3/06
294	A 47 B	
295	A 47 B	88/00
296	A 47 B	95/00
		96/00
297	E 06 B	9/14
298, 299	E 04 B	
300–303	A 47 B	88/00
		95/00
304	A 47 B	88/00
305	A 47 B	88/00
		95/00
306	A 47 B	57/00
		88/00
		95/00
307	A 47 B	88/00
		95/00
308–311	A 47 B	88/00
312	A 47 B	51/00
		57/00
		88/00
313–316	A 47 B	77/10
		88/00
317	A 47 B	88/00
318, 319	A 47 B	88/00
		95/00
320	A 47 B	88/00
		95/02
321	A 47 B	88/00
		95/00
322–324	A 47 B	88/00
325	A 47 B	88/00
		95/00
326	A 47 B	49/00
		88/00
327–330	A 47 B	88/00
331–351	A 47 B	88/00
		95/00
352	A 47 B	97/00

U.S. Class 313

Electric lamp and discharge devices

(IPC H 01 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 J	
	H 01 K	
2.1	H 01 J	31/00
3	H 01 J	
	H 01 K	
5	H 01 J	13/00
		17/00
		21/00
6	H 01 J	13/00
		17/00
		21/00
7	H 01 J	7/16
8	H 01 J	61/96
9	H 01 J	1/20
10	H 01 J	7/24
11	H 01 J	1/02
		7/24
		61/52
	H 01 K	1/58
11.5	F 23 Q	3/64
		3/66
12–14	H 01 J	1/02
		7/24
		61/52
	H 01 K	1/58
15	H 01 J	1/02
		7/24
16	H 01 J	1/10
		61/52
17–28	H 01 J	1/02
		7/24
		61/52
	H 01 K	1/58
29	H 01 J	1/02
30–34	H 01 J	1/02
		7/24
		61/52
	H 01 K	1/58
35–36	H 01 J	7/26
		61/52
	H 01 K	1/58
37–41	H 01 J	1/02
		61/52
	H 01 K	1/58
42–46	H 01 J	1/02
		7/24
		61/52
	H 01 K	1/58
47	H 01 J	1/02
		7/24
		61/52
48	H 01 J	5/48
49–51	H 01 J	5/48
		5/50
52	H 01 J	
	H 01 K	
53	H 01 J	27/00
54	H 01 J	7/40
		17/32
		65/08
62	H 05 H	
93	H 01 J	47/00
103–105	H 01 J	43/00
106–107	H 01 J	43/00
107.5	H 01 J	31/14
110–117	H 01 J	5/16
		61/40
	H 01 K	1/26
		1/30
118	F 02 M	57/06
	F 02 P	13/00
118–119	H 01 T	13/00
120	F 02 M	57/06
	H 01 T	13/02
121	H 01 T	13/56
122	H 01 T	13/24
123–124	H 01 T	13/46
125–126	H 01 T	13/14
		13/24
127	H 01 T	13/02
		13/14
128	H 01 T	13/22
129	H 01 T	13/48
130–132	H 01 T	13/02
133	H 01 T	13/28
134	H 01 T	13/05
135	H 01 T	13/04
136–143	H 01 T	13/20
144–145	H 01 T	13/22
		13/34
		13/36
146–152	H 01 J	1/02
		1/44
		1/52
		1/88
		21/22
		35/28
153–162	H 01 J	1/50
		3/20
		3/32
		23/10
		29/76
163–167	H 01 J	13/00
168, 169	H 01 J	13/56
170, 171	H 01 J	13/34
172	H 01 J	13/00
173	H 01 J	13/12
230	H 01 J	27/00
231.01–231.71	H 01 J	17/26
		61/28
232	H 01 J	7/00
233	H 01 J	21/00
234	H 01 J	11/00
		65/00
235	H 01 J	1/00
236	H 01 J	1/00
		9/02
237	H 01 J	1/00
238	H 01 J	1/00
		19/00
	H 01 K	
239	H 01 J	1/52
240–241	H 01 J	1/53
242	H 01 J	1/52
243–268	H 01 J	1/88
		19/42
269	H 01 J	1/18
		19/12
270	H 01 J	1/94
		19/48
271–273	H 01 J	1/88
		19/42
	H 01 K	1/18
274	H 01 J	1/96
		19/50
	H 01 K	1/18
275–277	H 01 J	1/90
		19/44
	H 01 K	1/18
278–279	H 01 J	1/94
		19/48
	H 01 K	1/18
281	H 01 J	1/88
		19/42
	H 01 K	1/18
282–290	H 01 J	1/96
		19/50
	H 01 K	1/18
291	H 01 J	1/88
		19/42
292	H 01 J	1/88
		19/42
	H 01 K	1/18
293–304	H 01 J	1/46
		21/10
305	H 01 J	1/20
		1/42
		13/18
		19/14
	H 01 K	11/00
306–308	H 01 J	1/46
		21/10
309	H 01 J	1/02
310	H 01 J	
311	H 01 J	1/05
		1/14
		1/38
		1/48
		19/06
312	H 01 J	5/02
		19/54
313	H 01 J	1/52
		19/40
314	H 01 J	7/00
315–316	H 01 K	
317	H 01 J	5/00
318	H 01 J	5/48
		5/50
323	H 01 J	
324	H 01 J	5/02
		19/42
325	H 01 J	17/00
		21/00
326	H 01 J	1/00
	H 01 K	1/02
327	H 01 J	1/02
328	H 01 J	1/06
329	H 01 J	1/53
		29/08
		31/26
		31/58
331–335	H 01 J	5/50
336	H 01 J	1/16
		19/10
337–339	H 01 J	1/20
		19/14
340	H 01 J	1/24
		19/18
341–343	H 01 J	1/15
		19/08
	H 01 K	1/02
344	H 01 J	1/16
		19/10
	H 01 K	1/14
345–346	H 01 J	1/14
		19/06
	H 01 K	1/04
347	H 01 J	1/20
		19/14
348–350	H 01 J	1/46
		1/52
		17/04
		17/12
		19/38
		19/40
		21/10
351	H 01 J	1/02
352–355	H 01 J	1/02
		1/14
		1/38
		1/48
		13/08
		19/06
		19/30
	H 01 K	1/04
356–357	H 01 J	1/00
		17/04
		19/00
358	H 01 J	
	H 01 K	
359.1–363.1	H 05 H	
364	H 01 J	29/00
365–390	H 01 J	31/00
		31/26
391–401	H 01 J	31/48
402–408	H 01 J	29/80
409–417	H 01 J	29/50
418–419	H 01 J	31/02
420	H 01 J	33/00
421–431	H 01 J	29/70
432–439	H 01 J	29/74
440	H 01 J	29/70
441–460	H 01 J	29/46
461–463	H 01 J	29/10
464	H 01 J	29/16
465	H 01 J	29/12
466–476	H 01 J	29/10
477–482	H 01 J	31/00
483–512	H 01 J	1/62
		63/04
513	H 01 J	
514–521	H 01 J	17/00
522	H 01 J	19/00
		21/00
523, 524	H 01 J	40/00
		40/16
525–530	H 01 J	31/50
		40/18
531	H 01 J	40/16
532	H 01 J	43/04
533	H 01 J	43/18
534, 535	H 01 J	43/20
536	H 01 J	43/20
		43/26
537	H 01 J	40/00
		40/16
538	H 01 J	40/10
539, 540	H 01 J	40/00
		40/16
541	H 01 J	40/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 313—Con.		
542	H 01 J	40/06
543	H 01 J	40/06
		40/18
544	H 01 J	40/06
545–547	H 01 J	17/22
		19/70
		61/24
	H 01 K	1/52
548	H 01 K	1/54
549	H 01 J	17/24
		19/70
		61/26
550, 551	H 01 J	17/26
		61/28
552	H 01 J	17/22
		19/70
		61/24
553–556	H 01 J	17/24
		19/70
		61/26
557	H 01 K	1/54
558–561	H 01 J	17/24
		19/70
		61/26
562	H 01 J	17/24
563–566	H 01 J	16/26
		17/26
567	H 01 J	11/00
		17/00
		61/00
		61/28
	H 01 K	1/50
568	H 01 J	17/20
		61/12
569	H 01 K	1/50
570–577	H 01 J	17/20
		61/12
578, 579	H 01 K	1/50
580	H 01 K	1/26
		1/42
		1/50
		1/66
581	H 01 J	17/00
		61/00
582–587	H 01 J	17/49
588	H 01 J	17/00
589	H 01 J	17/48
590	H 01 J	17/00
		61/00
591	H 01 J	17/50
592, 593	H 01 J	17/54
594	H 01 J	17/44
		61/54
595–603	H 01 J	17/30
		17/46
		61/54
604	H 01 J	17/00
		17/42
605, 606	H 01 J	17/00
		61/00
607	H 01 J	11/00
		61/06
		65/00
608	H 01 J	11/00
		17/00
		61/06
609–616	H 01 J	17/02
		61/02
617	H 01 J	17/30
		61/54
618	H 01 J	17/06
		61/09
619	H 01 J	17/00
		61/64
620–622	H 01 J	17/04
		61/04
623–625	H 01 J	17/18
		61/36
626	H 01 J	17/02
		61/02
627, 628	H 01 J	17/04
		61/06
629, 630	H 01 J	17/06
		61/06
631–633	H 01 J	17/04
		61/04
634	H 01 J	17/16
		61/30
635	H 01 J	17/16
		61/35
636	H 01 J	17/16
		61/30
637	H 01 J	17/20
		61/12
638	H 01 J	17/20
		61/18
639–642	H 01 J	17/20
		61/20
643	H 01 J	17/20
		61/16

U.S. Class 314

Electric lamp and discharge devices, comsumable electrodes

(IPC H 05 B)

1–6	H 05 B	41/46
7–8	H 05 B	41/14
9	H 05 B	31/34
10–19	H 05 B	41/14
20	H 05 B	31/26
		31/28
21–25	H 05 B	31/02
26–30	H 05 B	31/24
31–33	H 05 B	41/14
34–35	H 05 B	31/06
36–38	H 05 B	31/48
39–43	H 05 B	31/18
44	H 05 B	31/06
45–50	H 05 B	31/40
		31/44
51–66	H 05 B	31/18
67	H 05 B	31/22
68–77	H 05 B	31/18
78	H 05 B	31/22
79–104	H 05 B	31/18
105–111	H 05 B	31/22
112	H 05 B	31/18
113–128	H 05 B	31/22
129	H 05 B	31/02
130	H 05 B	31/18
131	H 05 B	31/30
		31/32
132–134	H 05 B	31/18
135	G 05 F	1/02
136	G 05 B	31/00

U.S. Class 315

Electric lamp and discharge devices, systems

(IPC H 01 J)

1	H 01 J	23/34
		29/98
3	H 01 J	23/16
		29/96
3.5, 3.6	H 01 J	25/34
4	H 01 J	25/00
5, 5.11, 5.12	H 01 J	25/02
5.13	H 01 J	25/50
5.14–5.17	H 01 J	25/02
5.18, 5.19	H 01 J	25/22
5.21–5.28	H 01 J	25/22
5.29	H 01 J	25/12
		25/16
5.31	H 01 J	25/14
5.32	H 01 J	25/18
5.33	H 01 J	25/02
5.34, 5.35	H 01 J	23/08
5.36, 5.37	H 01 J	23/18
5.38	H 01 J	23/02
5.39–5.49	H 01 J	25/10
5.51–5.54	H 01 J	23/20
7	H 01 J	25/00
8	H 01 J	29/06
8.51	H 01 J	31/06
		31/58
8.61	H 01 J	31/60
9	H 01 J	29/98
10	H 01 J	31/26
11	H 01 J	31/48
12.1	H 01 J	29/41
13.1, 13.11	H 01 J	29/56
14–16	H 01 J	29/46
		29/56
17	H 01 J	29/70
30	H 01 J	29/52
32–33	H 01 J	7/44
		13/46
		17/34
		19/78
		23/16
		29/96
	H 01 K	1/62
34	H 01 Q	1/26
35–38	H 01 J	7/44
		13/46
		17/34
		19/78
		23/16
		29/96
	H 01 K	1/62
39	H 01 J	7/46
		19/80
39.3	H 01 J	25/34
39.51	H 01 J	25/50
39.53	H 01 J	23/36
		25/50
39.55	H 01 J	25/50
39.57–39.63	H 01 J	25/50
39.65	H 01 J	25/58
39.67	H 01 J	25/50
39.69	H 01 J	23/22
39.71–39.73	H 01 J	25/50
39.75	H 01 J	25/587
39.77	H 01 J	25/50
40–75	H 01 J	7/44
		13/46
		17/34
		19/78
		23/16
		29/96
	H 01 K	1/62
76	H 01 K	7/00
77	B 60 Q	
78–80	B 60 Q	1/26
81	B 60 Q	1/34
82–83	B 60 Q	1/02
84	B 60 Q	7/00
84.51, 84.61	H 01 J	17/36
85	H 01 J	1/52
		5/02
86	H 05 B	37/00
		41/14
87–93	H 05 B	39/10
		41/46
94–99	H 05 B	39/00
		41/14
100	H 05 B	39/04
		41/36
101–103	H 05 B	39/00
		41/14
104	H 05 B	39/04
		41/36
105	H 05 B	39/00
		41/14
106	H 05 B	39/04
		41/36
107	H 05 B	39/04
		41/36
108–110	H 01 J	13/28
		17/22
111.01–111.91	H 01 J	7/24
	H 05 B	31/26
112–114	H 01 J	7/24
		13/32
		17/28
		19/74
		61/52
115–116	H 01 J	7/24
		13/32
		61/52
117	H 01 J	7/24
		13/32
		17/28
		19/74
		61/52
118	H 01 J	7/24
		13/32
		17/28
		19/74
		61/52
119–128	H 05 B	37/00
		41/00
129–136	H 01 J	1/60
		7/42
	H 05 B	37/04
137–148	H 05 B	41/16
		41/24
149–159	H 05 B	37/02
		39/04
		41/36
160–168	H 05 B	37/00
		39/00
169.1–169.4	G 09 G	3/10
170–177	H 05 B	37/00
		39/00
178–183	H 05 B	35/00
		37/00
		39/00
		41/00
184–193	H 05 B	37/00
		39/00
		41/00
194–199	G 05 F	1/00
	H 05 B	37/02
		39/04
		41/36
200–208	H 05 B	37/00
		39/00
		41/14
209–226	H 05 B	37/02
		39/04
		41/36
227–245	H 05 B	37/00
		39/00
		41/14
246–287	H 05 B	41/16
		41/24
288–290	H 05 B	37/00
		39/00
		41/14
291–311	G 05 F	1/00
	H 05 B	37/02
		39/04
		41/36
312–325	H 05 B	37/00
		39/00
		41/00
326–358	H 01 J	11/04
		13/48
		15/04
		17/36
	H 05 B	37/00
		39/00
		41/00
359	H 01 K	13/00
	H 05 B	39/00
360–361	H 05 B	37/02
		39/04
		41/36
362	H 05 B	37/02
		39/06
		41/04
		41/18
363	H 05 B	37/00
		39/00
		41/00
364–410	G 09 G	1/04
364	H 01 J	29/70
		29/72
365	G 06 F	3/153
	G 09 G	1/22
	H 01 J	31/16
366, 367	H 01 J	29/70
		29/72
368	H 01 J	29/70
		29/76
369	H 01 J	29/74
		29/76
370, 371	H 01 J	29/56
372–374	H 03 K	17/88
375, 376	H 01 J	29/80
377	G 01 R	13/30
378	H 01 J	29/78
379–381	H 01 J	29/52
382	H 01 J	29/58
382.1	H 01 J	29/58
383–386	H 01 J	29/52
387–391	H 01 J	29/70
		29/72
392	G 01 R	13/28
393	H 01 J	29/72
394–396	H 01 J	29/70
		29/72
397	H 01 J	29/70
		29/76
398	H 01 J	29/54
399–408	H 01 J	29/70
		29/76
409	H 01 J	29/70
		29/74
410	H 01 J	29/74
411	H 01 J	29/70

U.S. Class 318

Electricity, motive power systems

(IPC H 02 P)

1, 2	H 02 K	7/00
	H 02 P	
3, 4	H 02 K	7/14
	H 02 P	
5	H 02 K	7/14
	H 02 P	1/54
		5/46
		7/68
		7/74
6	B 65 H	59/38
		77/00
	H 02 P	
7	B 65 H	59/38
		77/00
	H 02 P	1/54
		5/46
		7/68
		7/74
8	H 02 K	7/14
	H 02 P	1/54
		5/46
		7/68
		7/74
9–13	H 02 K	7/10
	H 02 P	
14	H 02 K	7/06
	H 02 P	
15	H 02 K	7/10
	H 02 P	
16	H 02 P	
	H 04 Q	7/02
		9/00
17	H 02 K	7/14
	H 02 P	
34	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
35, 37	H 02 K	33/00
	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
38	H 02 K	41/00
	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 318—Con.		
39	B 23 Q	5/10
		5/28
40	H 02 K	7/12
	H 02 P	7/68
		7/74
41, 42	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
43	H 02 P	1/54
		5/46
		7/68
		7/74
44	H 02 P	1/54
		5/46
		7/74
45, 46	H 02 K	17/34
	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
47	H 02 K	17/36
	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
48	H 02 K	17/34
	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
49, 50	H 02 P	7/67
51	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
52	B 61 C	15/08
		15/12
	H 02 P	5/46
		7/68
		7/74
		7/80
53–65	H 02 P	1/54
		3/00
		5/46
		7/68
		7/74
		7/80
66, 67	H 02 P	5/46
		7/08
		7/68
		7/74
		7/80
68, 69	H 02 P	5/46
70–75	H 02 P	5/50
76	H 02 P	5/48
77, 78	H 02 P	5/46
79	H 02 P	5/06
		5/28
		5/46
80	H 02 P	5/06
		5/46
		7/74
81	H 02 P	5/06
		5/28
		5/46
82, 83	H 02 P	5/06
		5/28
		5/46
		7/06
		7/36
		7/68
		7/74
		7/80
84	H 02 P	5/06
		5/28
		5/46
		7/10
		7/36
		7/68
85	H 02 P	5/46
		7/68
		7/74
		7/80
86–89	H 02 P	3/00
		5/46
		7/68
		7/74
		7/80
90	H 02 P	1/54
		5/46
		7/68
		7/74
91	H 02 P	1/58
		5/46
		7/68
		7/74
		7/80
92–100	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
101	H 02 P	1/54
102	H 02 P	1/58
103, 104	H 02 P	1/54
105–113	H 02 P	1/54
		5/46
		7/68
		7/74
		7/80
114	H 02 K	33/00
	H 02 P	1/00
		3/00
		5/00
		7/00
115	H 02 K	7/06
	H 02 P	1/00
		3/00
		5/00
		7/00
116	H 02 N	
117	H 02 N	3/00
		5/00
		7/00
118	H 02 N	2/00
119	H 02 K	33/00
	H 02 P	1/00
		3/00
		5/00
		7/00
120	H 02 K	
	H 02 P	1/00
		3/00
		5/00
		7/00
121	H 02 K	33/00
		41/00
	H 02 P	1/00
		3/00
		5/00
122–125	H 02 K	33/12
	H 02 P	1/00
		3/00
		5/00
		7/00
126–134	H 02 K	33/00
	H 02 P	1/00
		3/00
		5/00
		7/00
135	H 02 K	41/00
	H 02 P	1/00
		3/00
		5/00
		7/00
136, 137	H 02 K	7/10
		7/20
	H 02 P	1/00
138	H 02 K	29/00
	H 02 P	1/00
		3/00
		5/00
		7/00
139	H 02 P	1/00
		3/00
		5/00
140	H 02 P	5/20
		5/22
		7/14
		7/32
		7/34
		7/66
141–147	H 02 P	5/20
		5/22
148	H 02 P	7/66
149	H 02 P	5/20
		5/22
		7/14
		7/32
		7/34
		7/66
150	H 02 K	7/02
	H 02 P	5/20
		5/22
		7/14
		7/32
		7/34
		7/66
151–153	H 02 P	5/20
		5/22
		7/14
		7/32
		7/34
		7/66
154	H 02 P	5/26
		7/14
		7/32
		7/34
		7/66
156–158	H 02 P	5/20
		5/22
		7/14
		7/32
		7/34
		7/66
159, 160	H 02 K	7/10
		17/32
		23/68
		27/30
159	H 02 K	29/00
161	H 02 K	7/02
162–164	B 23 Q	35/00
		35/14
	G 05 B	19/02
	H 02 P	7/18
		7/38
		7/52
244	H 02 K	27/00
	H 02 P	1/24
		3/18
		5/28
		5/44
		7/36
		7/50
245	H 02 K	23/64
	H 02 P	1/24
		3/18
		5/28
		5/44
		7/36
		7/50
246	H 02 K	23/08
	H 02 P	1/18
		3/08
		5/06
		7/06
247	H 02 K	23/00
	H 02 P	1/18
		3/08
		5/06
		7/12
248	H 02 K	23/12
	H 02 P	1/18
		3/08
		5/06
		7/06
249, 250	H 02 K	23/00
	H 02 P	1/18
		3/08
		5/06
		7/06
251, 252	H 02 K	23/08
	H 02 P	1/18
		3/08
		5/06
		7/10
253	H 02 K	21/20
		31/00
	H 02 P	1/18
		3/08
		5/06
		7/06
254	H 02 K	23/00
	H 02 P	1/18
		3/08
		5/06
		7/06
255	H 02 P	1/00
		3/00
		5/00
		7/00
256–300	H 02 P	1/00
		1/22
		1/40
		3/00
		3/20
		5/00
		7/00
301	H 02 K	27/20
	H 02 P	5/00
		7/00
302–304	H 02 K	5/00
		7/00
		7/10
		17/32
		23/68
		27/20
		27/30
	H 02 P	5/04
		7/04
306–309	G 05 B	5/00
	H 02 K	27/20
	H 02 P	5/00
310	G 05 B	5/00
	H 02 K	27/20
	H 02 P	5/00
311–324	G 05 B	5/00
	H 02 K	27/20
	H 02 P	5/00
325	G 05 B	5/00
	H 02 K	27/20
	H 02 P	5/08
		5/30
326–335	G 05 B	5/00
	H 02 K	27/20
	H 02 P	5/00
336, 337	H 02 P	5/00
338–340	H 02 P	7/06
		7/36
341	H 02 P	7/06
		7/42
342–344	H 02 P	7/14
		7/36
345	H 02 P	7/26
		7/285
347–349	H 02 P	7/22
		7/40
		7/56
350, 351	H 02 P	7/10
		7/36
		7/56
352	H 02 P	7/10
		7/36
		7/48
353–355	H 02 P	5/06
		5/28
		7/10
		7/36
356	H 02 P	7/10
		7/26
		7/282
357, 358	H 02 P	7/10
		7/22
		7/40
		7/56
359	H 02 P	7/10
		7/22
		7/40
		7/56
360	H 02 K	1/00
		23/44
		23/48
		27/20
	H 02 P	7/00
361	H 01 R	39/44
	H 02 K	13/00
	H 02 P	7/00
		7/50
362–370	H 02 K	7/10
		17/32
		23/68
		27/30
	H 02 P	3/00
		5/04
		7/04
371, 372	H 02 K	7/10
		17/32
		23/68
		27/30
	H 02 P	3/00
		3/10
		3/20
375	H 02 P	3/12
		3/14
		3/18
376	H 02 P	3/14
		3/18
377, 378	H 02 P	3/14
		3/18
		3/24
379–381	H 02 P	3/12
		3/22
382	H 02 P	3/00
383	H 02 P	1/00
		5/00
		7/00
384	H 02 P	1/00
385–403	H 02 P	1/04
404–406	H 02 P	1/16
407–408	H 02 P	1/16
		1/32
409–414	H 02 P	1/16
		1/28
415	H 02 P	1/16
		1/30
		1/52
416	H 02 P	1/16
417–422	H 02 P	1/16
		1/20
423–427	H 02 P	1/16
428	H 02 P	1/16
		1/34
429	H 02 P	1/16
430, 431	H 02 P	1/04
432	H 02 P	7/00
433	H 02 K	17/32
		23/68
		27/30
	H 02 P	7/00
		7/04
434	H 02 K	17/32
		23/68
		27/30
	H 02 P	7/00
436	H 02 P	7/00
437	H 02 K	23/16
		23/18
		23/44
		37/00
438	G 05 F	1/70
	H 02 P	5/28
		7/36
439	H 01 R	39/46

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U.S. Class 318—Con.		
	H 02 K	13/00
	H 02 P	7/50
440–442	**H 02 P**	1/00
		3/00
		5/00
		7/00
443, 444	**H 02 P**	1/04
		5/00
		7/00
445–460	**G 05 B**	5/00
	H 02 H	7/08
	H 02 P	1/00
		3/00
		7/00
461	**G 05 B**	5/00
	H 02 H	7/08
	H 02 P	1/04
		3/00
		5/00
		7/00
462	**G 05 B**	5/00
	H 02 H	7/08
	H 02 P	1/12
		3/00
		5/08
		5/30
		7/00
463–465	**G 05 B**	5/00
	H 02 H	7/08
	H 02 P	1/04
		3/00
		5/00
		7/00
466–470	**G 05 B**	5/00
	G 05 D	3/00
	H 02 H	7/08
	H 02 P	1/04
		3/00
		7/00
471–473	**G 05 B**	5/00
	G 05 D	23/00
	H 02 H	7/08
	H 02 P	1/04
		3/00
		7/00
474–489	**G 05 B**	5/00
	H 02 H	7/08
	H 02 P	1/04
		3/00
		7/00
490	**G 01 R**	31/02
	H 02 H	3/04
		7/08
	H 02 K	11/00
	H 02 P	1/00
		3/00
		5/00
		7/00
491	**H 02 P**	1/00
		3/00
		5/00
		7/00
492	**H 01 F**	13/00
	H 02 K	23/14
		23/44
		23/48
	H 02 P	1/00
		3/00
		5/00
		7/00
493–495	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
496	**H 02 P**	1/32
		3/20
		5/06
		5/28
		7/06
		7/36
497–502	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
503	**H 02 P**	1/30
		1/52
		3/00
		5/06
		5/28
		7/14
		7/36
504	**H 02 P**	1/00
		1/28
		3/00
		5/06
		5/28
		7/14
		7/36
505–507	**H 02 P**	1/00
		3/00
		5/00
		7/24
		7/58
508–511	**H 02 P**	1/00
		1/08
		1/20
		3/12
		3/22
		5/06
512, 513	**H 02 P**	1/00
		1/08
		1/20
		3/12
		3/22
		5/18
		5/42
		7/30
		7/64
514	**H 02 P**	1/00
		1/14
		1/20
		3/12
		3/22
		5/08
		5/28
		7/06
		7/36
515, 516	**H 02 P**	3/22
		5/08
		5/10
		5/30
519, 520	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/06
		7/36
521, 523	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
		7/48
524	**H 02 P**	1/00
		1/38
		3/00
		5/06
		5/28
		7/10
		7/36
		7/48
525	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
526	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
		7/44
527–531	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
532	**H 02 P**	1/00
		3/00
		5/00
		7/24
		7/58
533–535	**H 02 P**	1/00
		1/34
		3/00
		5/06
		5/28
		7/22
		7/40
		7/56
536, 537	**H 02 P**	1/00
		3/00
		5/06
		5/28
		7/10
		7/36
538	**H 02 K**	1/00
		23/44
		23/48
		27/20
	H 02 P	1/16
		3/00
		5/00
		7/00
539	**H 02 K**	1/00
		23/44
		23/48
		23/60
	H 02 P	1/16
		3/00
		5/00
		7/00
540	**H 02 K**	1/22
		23/44
		23/48
	H 02 P	1/16
		3/00
		5/00
		7/00
541	**H 01 R**	39/42
		39/44
	H 02 K	13/00
	H 02 P	1/16
		3/00
		5/00
		5/44
		7/00
		7/50
542	**H 01 R**	39/42
	H 02 K	13/00
	H 02 P	1/16
		3/00
		5/00
		5/44
		7/50
543–548	**H 01 H**	
	H 02 P	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
549	**H 01 H**	3/22
	H 02 P	1/00
		1/04
		3/00
		5/00
		7/00
		7/24
		7/58
550	**H 01 H**	3/14
	H 02 P	1/00
		1/04
		1/08
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
551	**H 01 H**	3/22
	H 02 P	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
552–557	**H 01 H**	
	H 02 P	1/00
		1/04
		3/00
		5/00
		7/00
		7/20
		7/22
		7/54
		7/56
558	**H 02 P**	1/00
		3/00
		5/00
		7/00
560	**G 05 B**	11/01
561	**G 05 B**	13/00
562	**G 05 B**	11/32
563	**G 05 B**	9/02
564	**G 05 B**	9/03
565	**G 05 B**	23/02
566	**G 05 B**	9/02
567	**G 05 B**	19/10
569	**G 05 B**	19/18
570–573	**G 05 B**	19/25
574	**G 05 B**	19/23
575	**G 05 B**	19/33
576–579	**G 05 B**	19/33
580	**G 05 D**	/10
581	**B 64 C**	13/20
	G 05 D	1/00
582	**B 64 C**	13/18
	G 05 D	3/00
583	**B 64 C**	13/18
	G 05 D	1/00
584	**B 64 C**	13/18
	G 05 D	1/08
585	**B 64 C**	13/18
	G 05 D	1/08
586	**B 64 C**	13/18
	G 05 D	1/08
587	**B 64 C**	13/18
	G 05 G	1/00
588, 589	**B 63 H**	25/02
	G 05 G	1/00
590	**G 05 B**	11/18
591	**G 05 B**	7/00
592–598	**G 05 B**	11/18
599	**G 05 B**	11/28
600	**G 05 B**	19/29
601–603	**G 05 B**	19/29
604	**G 05 B**	19/31
605	**G 05 B**	19/31
606–608	**G 05 B**	1/02
609	**G 05 B**	11/36
610	**G 05 B**	11/42
611–620	**G 05 B**	5/01
621, 622	**G 05 B**	6/02
623, 624	**G 05 B**	5/01
625	**G 05 B**	11/32
626, 627	**G 05 G**	5/00
628–631	**G 05 B**	11/01
632	**G 05 D**	23/275
633	**G 05 B**	11/01
634	**G 05 D**	23/275
635	**G 05 B**	11/01
636	**G 05 B**	21/02
637	**G 06 G**	3/00
638–640	**G 05 B**	1/06
641	**G 05 D**	23/00
642	**G 05 D**	9/00
643	**G 05 D**	1/00
644	**G 05 D**	7/00
645	**G 05 D**	16/00
646	**G 05 D**	15/00
647	**G 05 F**	1/00
648	**B 64 C**	17/02
649	**B 64 C**	17/06
650	**G 05 F**	1/10
651	**G 05 D**	13/00
652–670	**G 05 B**	1/06
671	**G 05 B**	11/01
672–674	**G 05 B**	11/14
675, 676	**G 05 B**	11/01
677–679	**G 05 F**	1/00
680	**G 05 F**	1/04
681	**G 05 F**	1/08
682	**G 05 F**	1/00
683, 684	**G 05 B**	11/12
685	**G 05 B**	19/40
686–688	**G 05 B**	11/00
689	**G 05 B**	17/00
690–695	**G 05 B**	11/12
696	**H 02 P**	8/00
700, 701	**H 02 P**	1/46
		3/18
		5/28
		7/36
702	**H 02 P**	1/46
		3/18
		5/28
		7/04
		7/36
704	**H 02 P**	1/48
		3/18
		5/28
		7/48
705	**H 02 P**	1/46
		3/18
		5/28
		7/36
706–708	**H 02 H**	7/08
706	**H 02 P**	1/46
706–708	**H 02 P**	1/46
		1/50
706	**H 02 P**	3/18
706–708	**H 02 P**	3/18
706	**H 02 P**	5/04
		5/28
		7/04
		7/36
709	**H 02 P**	1/46
		1/50
710, 711	**H 02 P**	1/46
		1/50
		3/18
712	**H 02 P**	1/46
		3/18
		7/36
713–715	**H 02 P**	1/46
		1/50
		3/18
		7/36
716–719	**H 02 P**	1/46
		1/50
		3/18
		5/28
		7/36
720	**H 02 P**	1/46
		1/50
		3/18
		5/20
		7/36
721	**H 02 P**	1/46
		1/50
		3/18
		5/28
		7/36
722	**H 02 P**	1/46
		1/50
		3/18

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U.S. Class 318—Con.		
		5/34
		5/36
		7/44
		7/58
723	H 02 P	1/46
		1/50
		3/18
		5/34
		7/44
724	H 02 P	1/46
		1/50
		3/18
		5/28
		7/36
725, 726	H 02 P	1/24
		3/18
		5/28
		7/36
		7/50
727–729	H 02 P	1/24
		1/42
		3/18
		5/28
		7/36
730, 731	H 02 P	1/26
		1/42
732	H 02 P	1/26
		1/42
		3/18
		5/36
		7/58
733–738	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
739–741	H 02 P	1/40
		1/42
		3/18
		5/28
		7/36
742	H 02 P	1/40
		1/42
		3/04
		5/28
		7/36
743	H 02 P	1/40
		1/42
		3/18
		3/24
		5/28
		7/36
744	H 02 P	1/40
		1/42
		3/20
		5/28
		7/36
745	H 02 P	1/40
		1/42
		3/20
		5/42
		7/64
746	H 02 P	1/40
		3/20
		5/42
		7/64
747, 748	H 02 P	1/40
		3/18
		5/28
		7/36
749, 750	H 02 P	1/42
		3/18
		5/28
		7/36
751	H 02 P	1/44
		3/18
		5/28
		7/36
752	H 02 P	1/44
		3/18
		5/36
		7/58
753–755	H 02 P	1/42
		3/18
		5/28
		7/36
756	H 02 P	1/40
		3/20
		5/36
		7/58
757	H 02 P	3/18
		5/04
		5/28
		7/04
		7/36
758	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
759–762	H 02 P	3/18
		5/28
		7/36
763, 764	H 02 P	3/20
		5/28
		7/36
765	H 02 P	3/04
		3/18
		5/04
		5/28
		7/04
		7/36
766, 767	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
768, 769	H 02 P	1/26
		3/18
		5/28
		7/36
770	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
771	H 02 P	1/26
		1/32
		3/18
		5/28
		7/36
772	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
773	H 02 P	1/38
		3/18
		5/28
		7/48
774–776	H 02 P	1/42
		3/18
		5/28
		7/48
777	H 02 P	1/38
		3/18
		5/28
		7/48
778	H 02 P	1/26
		7/36
779	H 02 P	1/26
		5/04
		5/28
		7/04
		7/36
780	H 02 P	1/26
		1/28
781	H 02 P	1/26
		1/42
		5/28
		7/36
782, 783	H 02 H	5/04
		7/08
	H 02 P	1/26
		1/42
		5/28
		7/36
784	H 02 P	1/42
		5/28
		7/40
785	H 02 P	1/42
		1/44
		5/28
		7/36
786–788	H 02 P	1/42
		1/44
		5/36
		7/58
789–792	H 02 P	1/42
		1/44
		5/28
		7/36
793	H 02 P	1/42
		1/44
		5/30
		7/36
794, 795	H 02 P	1/26
		1/44
		5/28
		7/36
796	H 02 P	1/26
		1/44
		5/42
		7/64
797	H 02 P	1/26
		1/42
		5/28
		7/36
798, 799	H 02 P	5/28
		7/36
800–803	H 02 P	5/34
		7/42
804	H 02 P	5/42
		7/64
805, 806	H 02 P	5/28
		7/36
807–811	H 02 P	5/28
		5/34
		5/38
		5/408
		7/36
		7/44
		7/628
812, 813	H 02 P	3/18
		5/28
		7/36
814	H 02 P	3/18
		5/28
		5/38
		5/402
		7/40
		7/56
		7/622
815	H 02 P	3/18
		5/42
		7/64
816, 817	H 02 P	3/18
		5/28
		7/36
818–820	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
821–823	H 02 P	1/34
		1/42
		3/18
		5/28
		7/36
824	H 02 P	1/34
		1/42
		3/18
		5/30
		7/36
825–828	H 02 P	1/34
		1/42
		3/18
		5/28
		7/36
829	H 02 P	1/34
		1/42
		3/18
		5/28
		7/40
830	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
831	H 02 K	7/12
		16/02
		17/02
	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36
832	H 02 K	7/12
		16/04
		17/02
	H 02 P	1/26
		1/42
		3/18
		5/28
		7/36

U.S. Class 320

Electricity, battery and condenser charging and discharging

(IPC H 02 J)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 J	
	H 02 M	
2	H 01 M	10/44
		10/46
	H 02 J	7/00
3	H 02 J	7/00
4	H 02 J	7/00
5–26	H 01 M	10/44
		10/46
	H 02 J	7/00
27–52	H 02 J	7/04
		7/16
53	H 01 M	10/44
		10/46
	H 02 J	7/06
		7/24
		45/04
54–55	H 02 J	7/04
		7/16
56–60	H 02 J	7/00
61–72	H 02 J	7/00

U.S. Class 322

Electricity, single generator systems

(IPC H 02 P)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 02 K	5/00
2	H 02 N	
3	H 02 K	35/00
4	H 02 K	7/02
5	H 02 K	9/12
6	H 02 K	9/14
7, 8	H 02 J	1/00
		3/00
9	H 02 K	7/18
10–12	H 02 P	3/00
		9/06
		15/00
13	H 02 P	3/00
		9/06
		11/00
		15/00
14, 15	H 02 P	9/04
16	H 02 P	9/04
		11/00
17–37	H 02 H	7/06
	H 02 P	9/00
		11/00
38	H 02 P	9/04
39	H 02 P	11/00
40–43	H 02 P	15/00
44, 45	H 02 P	9/00
46	H 02 P	9/14
47	H 02 P	9/46
48	H 02 P	9/00
49–52	H 02 P	9/40
53–57	H 02 P	9/00
58	H 02 K	11/00
59–71	H 02 P	9/10
		9/14
72–74	H 02 P	9/26
75–79	H 02 P	9/10
		9/14
80–85	H 02 P	9/16
		9/20
86–88	H 02 P	9/10
		9/14
89–98	H 02 P	9/00
99	H 02 K	11/00
	H 02 P	9/00
100	H 02 P	9/00

U.S. Class 323

Electricity, voltage magnitude and phase control systems

(IPC G 05 F)

U.S. Subclass	IPC Subclass	IPC Notation
201–204	G 05 F	1/00
		1/00
		3/00
	H 02 J	1/00
		1/16
		3/00
		3/30
205	G 05 F	1/70
		3/00
		5/00
206	G 05 F	1/70
		3/00
		5/06
207–211	G 05 F	1/70
		3/00
		5/00
212–219	G 05 F	1/00
		1/70
		3/00
		5/00
	H 02 J	3/08
220–222	G 05 F	1/10
		1/652
		1/656
223–225	G 05 F	1/613
223225	G 05 F	1/618
223–225	G 05 F	3/16
226	G 05 F	1/613
		1/618
227	G 05 F	1/607
228	G 05 F	3/00
229–231	G 05 F	1/613
		1/618
		3/00
232, 233	G 05 F	1/652
		1/656
		3/001
234	G 05 F	1/10
	H 02 J	3/12
235, 236	G 05 F	1/10
		1/40
	H 02 J	3/12
237–246	G 05 F	1/10
		1/40
		1/455
	H 02 J	3/12
247	G 05 F	1/12
		1/46
248	G 05 F	1/13
249	G 05 F	1/12
250	G 05 F	1/325
251	G 05 F	1/33
252	G 05 F	1/12
253	G 05 F	1/335
254	G 05 F	1/34
255	G 05 F	1/14
256	G 05 F	1/147
257	G 05 F	1/153
258	G 05 F	1/16
259	G 05 F	1/24
260	G 05 F	1/247

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 323—Con.		
261	G 05 F	1/24
262	G 05 F	1/253
263	G 05 F	1/26
264	G 05 F	1/12
265, 266	G 05 F	1/40
		1/44
		1/56
		1/618
267	G 05 F	1/577
268–274	G 05 F	1/40
		1/44
		1/56
		1/618
275	G 05 F	1/565
276	G 05 F	1/569
		1/571
277, 278	G 05 F	1/573
279–290	G 05 F	1/40
		1/44
		1/56
		1/618
291, 292	G 05 F	1/40
		1/42
		1/52
		1/607
293–298	G 05 F	1/12
293	G 05 F	1/63
		1/656
294	G 05 F	1/635
295	G 05 F	1/644
296	G 05 F	1/63
		1/656
297	G 05 F	1/648
298	G 05 F	1/63
		1/656
299–303	G 05 F	5/00
304	G 05 F	3/00
		3/02
305	G 05 F	3/04
306–310	G 05 F	3/06
311, 312	G 05 F	3/04
		3/08
313–317	G 05 F	3/16
		3/20
318–354	G 05 B	24/02
	G 05 F	
	H 02 J	1/00
		3/12
355	H 01 F	17/00
		19/00
		21/00
		23/00
		29/00
		31/00
356	H 01 F	27/42
		40/14
357, 358	H 01 F	40/06
359	H 01 F	40/04
360	H 01 F	36/00
361	H 01 F	33/00
		40/10
362	H 01 F	27/24
363	H 01 F	17/00
364, 365	H 03 H	1/00
		2/00
		5/00
		7/00
366	H 03 H	5/10
367, 368	H 03 H	1/00
		2/00
		5/00
		7/00
369	H 03 H	1/00
		2/00
		5/00
		5/10
		7/00
370	H 03 H	1/00
		2/00
		5/00
		7/00
371	H 05 F	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 324		
Electricity, measuring and testing		
(IPC G 01 R)		
51	G 01 R	31/02
52	G 01 R	31/08
53	G 01 R	31/00
54	G 01 R	31/12
55	G 01 R	31/02
		31/06
56	G 01 R	29/22
57	G 01 R	27/00
58	G 01 R	27/04
58.5	G 01 R	27/04
59–60	G 01 R	11/52
		27/26
61	G 01 R	27/26
62–63	G 01 R	27/02
64	G 01 R	27/14
65	G 01 R	27/02
66–67	G 01 R	19/00
71.1–71.6	G 01 N	27/00
72	G 01 R	31/02
72.5	G 01 R	31/02
73	G 01 R	15/12
74	G 01 R	11/32
		35/04
75	G 01 R	35/06
76	G 01 R	19/00
		23/00
77	G 01 R	23/16
		27/02
78	G 01 R	23/02
79	G 01 R	23/14
80	G 01 R	23/00
81	G 01 R	23/00
		23/08
82	G 01 R	23/00
		23/12
83	G 01 R	25/00
	H 03 D	13/00
84	G 01 R	25/02
85–89	G 01 R	25/00
90	G 01 R	25/00
		25/06
91	G 01 R	25/00
92–94	G 01 R	27/22
95	G 01 R	23/04
		25/02
		27/02
96	G 01 R	31/00
97	G 01 R	13/38
		13/40
98	G 01 R	17/02
99	G 01 R	17/06
100	G 01 R	13/04
		17/06
101	G 01 R	17/10
102	G 01 R	19/00
		27/28
103	G 01 R	11/63
		19/04
		19/165
		19/30
104	G 01 R	5/22
		11/63
		19/04
		19/165
		19/30
105	G 01 R	1/44
		5/22
		19/32
		21/02
		21/14
106	G 01 R	5/26
		19/32
		21/02
		21/14
107	G 01 R	19/00
		29/16
108	G 01 R	19/00
109	G 01 R	29/22
110–112	G 01 R	1/00
113	G 01 R	13/04
114	G 01 R	1/00
		29/00

U.S. Subclass	IPC Subclass	IPC Notation
115, 116	G 01 R	1/38
		11/57
		15/08
		15/10
117	G 01 R	33/00
118	G 01 R	19/18
		19/22
119	G 01 R	19/22
120	G 01 R	19/18
		19/22
121	G 01 R	13/20
122	G 01 R	31/024
		31/22
123–124	G 01 R	1/30
125	G 01 R	1/14
126–129	G 01 R	
130–131	G 01 R	1/02
132	G 01 R	15/10
133	G 01 R	19/14
134–135	G 01 R	11/32
136	G 01 R	11/02
137–138	G 01 R	11/02
139	G 01 R	11/02
		11/30
140–141	G 01 R	7/00
142	G 01 R	7/00
		11/32
143	G 01 R	11/30
		11/36
144	G 01 R	1/20
		11/30
145–147	G 01 R	1/20
149	G 01 R	1/06
150	G 01 R	1/20
		5/20
151	G 01 R	1/16
152	G 01 R	1/16
153	G 01 R	1/20
		11/16
154–155	G 01 R	1/00
156	G 01 R	1/04
157, 158	G 01 R	
160	G 01 P	3/42
161	G 01 P	3/56
162	G 01 P	3/42
		15/00
163	G 01 P	3/46
		3/52
164	G 01 P	3/46
		3/52
165	G 01 P	3/52
		13/00
166	G 01 P	3/48
		3/54
167	G 01 P	3/48
		3/54
168	G 01 P	3/48
		3/54
169	G 01 P	3/48
		3/54
170	G 01 P	3/48
		3/54
171	G 01 P	3/48
		3/54
172	G 01 P	3/48
		3/54
173	G 01 P	3/48
		3/54
174	G 01 P	3/48
		3/54
175	G 01 P	3/36
176	G 01 P	3/42
177	G 01 P	3/46
178–180	G 01 P	3/66
		3/80
200	G 01 R	33/00
		33/10
201	G 01 N	27/76
	G 01 R	33/16
202	G 01 R	35/00
203	G 01 R	33/00
204, 205	G 01 N	27/74
	G 01 R	33/12
206	G 01 B	7/04
207, 208	G 01 B	7/14
209	G 01 B	7/24

U.S. Subclass	IPC Subclass	IPC Notation
	G 01 R	33/18
210–212	G 01 R	33/12
213	G 01 N	27/82
	G 01 R	33/10
214, 215	G 01 N	27/84
	G 01 R	33/00
216	G 01 N	27/84
	G 01 R	33/12
217, 218	B 61 K	9/10
	G 01 N	27/82
219–221	G 01 N	27/72
		27/82
	G 01 R	33/12
222, 223	G 01 R	33/14
224–227	G 01 N	27/72
	G 01 R	33/00
228	G 01 N	27/72
	G 01 R	33/12
229–231	G 01 B	7/10
	G 01 R	33/12
232–236	G 01 N	27/72
	G 01 R	33/12
237, 238	G 01 N	27/82
239	G 01 N	27/72
	G 01 R	33/12
240, 241	G 01 N	27/82
242	G 01 N	27/82
	G 01 R	33/12
243	G 01 N	27/72
	G 01 R	33/12
244–250	G 01 R	33/02
251	G 01 R	33/06
252	G 01 R	33/02
253–255	G 01 R	33/04
256–259	G 01 R	33/02
260–262	G 01 R	33/00
300–322	G 01 V	3/00
324, 325	G 01 V	3/18
326–329	G 01 V	3/08
		3/10
330	G 01 V	3/16
331	G 01 V	3/08
		3/16
332	G 01 V	3/08
		3/10
		3/12
333	G 01 V	3/08
		3/10
		3/12
		3/18
334–337	G 01 V	3/08
		3/10
		3/12
338	G 01 V	3/08
		3/10
		3/12
		3/18
339–343	G 01 V	3/10
		3/18
344	G 01 V	3/08
		3/12
345	G 01 V	3/00
		3/08
346	G 01 V	3/00
		3/08
		3/18
347	G 01 V	3/00
		3/02
		3/18
348–350	G 01 V	3/00
		3/08
351–353	G 01 V	3/00
		3/08
		3/18
354	G 01 V	3/02
		3/04
		3/06
355, 356	G 01 V	3/02
		3/04
		3/06
		3/18
357	G 01 V	3/02
		3/04
358	G 01 V	3/06
359	G 01 V	3/02
		3/04

U.S. Subclass	IPC Subclass	IPC Notation
360–362	G 01 V	3/06
363	G 01 V	3/02
		3/04
		3/06
364	G 01 V	3/02
		3/06
365	G 01 V	3/02
		3/04
		3/06
366–372	G 01 V	3/02
		3/04
		3/06
		3/18
373–375	G 01 V	3/02
		3/06
		3/18
376	G 01 V	3/00
		3/02
		3/04
		3/06
		3/08
377	G 01 V	3/00
		3/08
		3/10
378–402	F 02 P	17/00
403–414	G 01 R	31/024
403414	G 01 R	31/22
415–424	G 01 R	31/02
		31/32
425	G 01 N	27/42
426–437	G 01 N	27/46
438	G 01 N	27/56
439	G 01 N	27/02
440	G 01 N	27/34
441–449	G 01 N	27/02
450	G 01 N	27/28
451	G 01 N	25/00
452–456	G 01 N	27/60
457, 458	G 01 R	29/12
459	G 01 N	27/62
460	G 01 L	21/30
461	G 01 L	21/36
462	G 01 L	21/32
463	G 01 L	21/34
464–468	G 01 N	27/62
469	G 01 N	27/64
		27/66
470	G 01 N	27/62

U.S. Class 328

Miscellaneous electron space discharge device systems

(IPC H 03 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 N	27/00
	G 05 D	
	G 08 B	19/00
		21/00
		23/00
	G 08 C	
2	G 01 J	5/00
	G 01 N	27/00
	G 05 D	25/00
	G 08 B	13/18
		19/00
		21/00
	G 08 C	
3	G 01 K	7/00
	G 01 N	27/00
	G 05 D	23/20
	G 08 B	13/18
		19/00
		27/00
4	G 01 N	27/00
	G 08 B	19/00
		21/00
	G 08 C	
5	G 01 N	27/00
	G 08 B	13/16
		13/18
		13/24
		13/26
		19/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 328—Con.		
		21/00
	G 08 C	
6	G 01 N	27/00
	G 08 B	17/00
	G 08 C	
7	H 02 H	5/12
	H 05 F	1/00
		3/00
8–11	H 02 H	7/20
12	H 05 K	
13–20	H 03 B	19/00
21	H 03 B	28/00
	H 03 K	5/00
22–24	H 03 K	5/00
25	H 03 B	19/00
26	H 03 D	
	H 03 K	5/00
27	H 03 B	28/00
27–36	H 03 K	5/08
38.1	H 03 K	5/13
53–54	H 03 K	5/08
55–56	H 03 K	5/159
57	H 03 K	5/00
58	H 03 K	5/04
59–62	H 03 K	3/01
		3/04
63	H 03 K	1/17
		7/00
64–66	H 03 K	3/01
		3/04
67	H 03 K	3/86
68	H 03 K	3/01
		3/04
69	H 03 K	17/00
70–71	H 03 K	17/00
72–75	H 03 K	17/00
		17/26
		17/28
76	H 03 K	17/00
77–78	H 03 K	17/26
		17/28
79–85	H 03 K	17/00
86–87	H 03 K	17/26
		17/28
88–91	H 03 K	17/00
95–102	H 03 K	17/00
		17/52
103	H 03 K	17/00
		17/40
		17/52
104–107	H 03 K	17/00
		17/40
		17/52
108–119	H 03 K	5/22
120	H 03 K	5/19
121–122	G 11 C	11/26
123, 124	G 11 C	11/23
		11/26
125	G 11 C	11/28
126	G 11 C	11/26
127–128	G 06 G	7/18
	H 03 K	5/00
129.1–131.1	G 01 R	29/02
	H 03 K	5/00
132	H 03 K	5/00
	H 03 L	7/00
133	H 03 D	13/00
	H 03 K	9/06
	H 03 L	7/00
134	H 03 D	3/02
	H 03 K	9/06
	H 03 L	7/00
135	G 05 G	1/40
		1/52
		3/02
	G 06 G	7/12
136	G 01 R	23/02
	H 03 D	3/00
137	H 04 Q	3/00
138	H 03 D	3/00
	H 03 K	9/06
139	H 03 B	1/00
140	H 03 K	5/00
	H 03 L	7/00
141	H 03 K	5/00
		9/06
	H 03 L	7/00
142–143	G 06 G	7/12
144	G 06 G	7/20
145	G 06 G	7/24
146–149	G 06 G	7/14
	H 03 K	5/22
	H 03 L	5/00
150	H 03 K	17/00
151	H 03 K	5/00
		17/00
152–154	H 03 K	17/00
		17/52
		17/76
155	H 03 K	5/13
		5/22
	H 03 L	7/00
156	G 06 G	7/12
157	H 03 K	5/00
158	G 06 G	7/00
159	G 06 G	7/42
160–161	G 06 G	7/16
162–167	H 03 B	1/00
		1/04
	H 03 K	5/00
	H 04 B	1/10
		15/00
168–175	H 03 K	5/08
	H 03 L	5/00
176	H 03 K	3/00
177–180	H 03 K	3/53
181–185	H 03 K	4/10
		4/86
186–188	H 03 K	3/02
		3/37
		4/02
189	H 03 K	3/00
190	H 01 J	17/32
		19/82
		23/34
		29/98
	H 03 K	3/04
191–204	H 03 K	3/06
205	H 03 K	3/14
206	H 03 K	3/12
207	H 03 K	3/10
208–209	H 01 J	17/36
		19/82
	H 03 K	3/02
210–211	H 01 J	17/02
		17/36
	H 03 K	3/02
212–226	H 01 J	19/82
	H 03 K	3/04
227	H 01 J	29/00
		29/98
228	H 01 J	29/54
		29/58
		29/80
		29/84
229	H 01 J	29/70
230	H 01 J	29/76
231	H 01 J	29/00
		29/98
232	H 01 J	23/00
		23/34
233	H 01 J	23/00
		23/34
	H 05 H	
234	H 05 H	7/00
		13/00
235–236	H 05 H	7/00
		13/04
237	H 05 H	7/00
		11/00
238	H 05 H	
239	H 01 J	19/82
240	H 03 K	3/013
241–245	H 03 H	11/00
	H 03 J	19/82
		23/00
		23/34
	H 03 K	3/02
246	H 03 K	3/02
247–248	H 03 K	3/02
		3/18
249	H 01 J	17/00
		19/00
		21/00
		23/00
		25/00
		29/00
		31/00
250	H 01 J	17/00
251	H 01 J	17/02
252	H 01 J	19/00
		21/00
253	H 01 J	21/18
254–257	H 01 J	29/00
		31/00
258	H 01 J	19/82
	H 03 K	3/01
		3/01
259	H 02 H	
260	H 01 J	19/82
	H 02 M	1/10
261	H 01 J	19/82
262	H 01 J	18/82
	H 02 M	7/44
263, 264	H 01 J	19/82
	H 02 M	7/44
265–271	H 01 J	19/82
	H 03 K	3/013

U.S. Class 329

Demodulators and detectors

(IPC H 03 D)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	H 03 D	5/00
50	H 03 D	3/18
100	H 03 D	1/00
101, 102	H 03 D	1/18
103	H 03 D	1/18
		3/00
104, 105	H 03 K	9/00
106	H 03 K	9/08
107, 108	H 03 K	9/04
		9/06
109	H 03 K	9/02
110–112	H 03 D	3/00
113	H 03 D	3/32
114	H 03 D	3/30
115	H 03 D	3/32
		9/04
116, 117	H 03 K	3/00
118, 119	H 03 D	3/00
120, 121	H 03 D	3/00
		3/22
122–125	H 03 D	3/00
		3/18
126–128	H 03 D	3/04
129, 130	H 03 D	3/10
131–134	H 03 D	3/00
		3/24
135	H 03 D	3/00
		5/00
136	H 03 D	3/00
		3/28
137	H 03 D	3/02
138	H 03 D	3/08
139–143	H 03 D	3/26
144	H 03 D	9/00
145, 146	H 03 D	1/00
147	H 03 D	1/00
		5/00
148, 149	H 03 D	1/00
150–154	H 03 D	1/22
155	H 03 D	1/28
156	H 03 D	1/26
157–159	H 03 D	1/00
160–162	H 03 D	9/02
163–167	H 03 D	1/00
168, 169	H 03 D	1/06
170	H 03 D	1/04
171	H 03 D	1/04
		1/06
172	H 03 D	1/04
173	H 03 D	1/06
174	H 03 D	1/00
175–177	H 03 D	1/16
178, 179	H 03 D	1/20
180–184	H 03 D	1/16
185–187	H 03 D	1/20
188	H 03 D	1/00
189	H 03 D	1/02
190–192	H 03 D	1/16
193	H 03 D	1/00
194	H 03 D	1/04
195–197	H 03 D	1/02
198–202	H 03 D	1/00
203–206	H 03 D	1/10
207	H 03 D	1/00

U.S. Class 330

Amplifiers

(IPC H 03 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 03 F	1/00
		21/00
2	G 01 R	19/00
		21/00
		23/00
3	H 03 F	5/00
		21/00
4	H 01 S	1/00
4.3	H 01 S	3/00
4.5	H 03 F	7/00
4.6–4.7	H 03 F	7/06
4.8–4.9	H 03 F	7/00
5	H 01 S	1/00
	H 03 F	3/04
5.5	H 03 F	3/04
6	H 03 F	15/00
7	H 03 F	21/00
8	H 03 F	9/00
9	H 03 F	1/02
10	H 03 F	3/38
11	H 03 F	21/00
41	H 03 F	21/00
42	H 03 F	1/00
43	H 03 F	3/58
44	H 03 F	3/54
45	H 03 F	3/56
46–48	H 03 F	3/54
49	H 03 F	1/20
		3/60
50–51	H 03 F	1/14
52	H 03 F	3/66
53–54	H 03 F	3/60
55	H 03 F	3/26
		3/60
56–57	H 03 F	3/60
58	H 03 F	21/00
59	H 03 F	17/00
60	H 03 F	21/00
61–62	H 03 F	15/00
63	H 03 F	9/00
64	H 03 F	1/08
65–68	H 03 F	1/00
69	H 03 F	3/45
70–74	H 03 F	1/00
75	H 03 F	1/36
76	H 03 F	1/16
		1/36
77	H 03 F	1/16
		1/36
		3/28
78	H 03 F	1/16
		1/36
		3/50
79	H 03 F	1/36
80	H 03 F	1/16
81–82	H 03 F	1/36
		3/28
83	H 03 F	1/36
		3/34
84–85	H 03 F	1/36
		3/68
86	H 03 F	1/36
87	H 03 F	1/36
		3/52
88–95	H 03 F	1/22
		1/36
		3/52
96	H 03 F	1/36
	H 03 G	3/20
97	H 03 F	1/36
		3/36
98–100	H 03 F	1/24
		1/36
		3/52
101–102	H 03 F	1/36
103–104	H 03 F	1/36
		3/68
105–107	H 03 F	1/36
108–109	H 03 F	1/36
		3/52
110–111	H 03 F	1/36
112	H 03 F	1/40
113–114	H 03 F	1/00
115	H 03 F	
116–117	H 03 F	3/02
118	H 03 F	3/28
119	H 03 F	3/05
		3/28
120	H 03 F	3/28
121	H 03 F	3/28
		3/36
122–123	H 03 F	3/28
124–126	H 03 F	3/68
127	H 03 G	3/00
		3/20
128–131	H 03 G	3/20
132	H 03 G	5/16
133–134	H 03 G	5/16
		9/00
135	H 03 G	11/00
136	H 03 G	3/20
137–142	H 03 G	3/20
143	H 03 F	1/30
144–145	H 03 F	1/30
	H 03 G	3/20
146	H 03 F	3/00
		3/26
147–148	H 03 F	3/00
		3/68
		5/00
149	H 03 F	1/26
		1/30
150	H 03 F	1/22
		3/18
151	H 03 F	1/00
152–154	H 03 F	1/22
155–157	H 03 F	1/00
158	H 03 F	1/00
		3/52
159	H 03 F	3/34
		3/52
160	H 03 F	1/00
161	H 03 F	1/00
		3/34
162	H 03 F	1/00
163	H 03 F	1/00
		3/36
164–167	H 03 F	1/00
168	H 03 F	3/52
169–171	H 03 F	1/00
172	H 03 F	3/52
173	H 03 F	3/36
		3/52
174	H 03 F	1/00
		13/00
175	H 03 F	1/00
176–180	H 03 F	1/00
181–182	H 03 F	3/36
183–184	H 03 F	3/34
185	H 03 F	1/00
		3/00
186	H 03 F	3/52
187	H 03 F	3/36
		3/52
188–190	H 03 F	1/00
		3/00
191	H 03 F	3/36
192	H 03 F	1/00
		3/00
193	H 03 F	3/52
194	H 03 F	3/36
		3/52

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 330—Con.		
195–197	H 03 F	1/00
		3/00
198	H 03 F	3/36
		3/52
199–206	H 03 F	1/00
207	H 03 F	21/00
250	H 03 F	3/04
251	H 03 F	3/217
252–261	H 03 F	3/45
262	H 03 F	3/26
263, 264	H 03 F	3/18
265–276	H 03 F	3/26
277	H 03 F	3/16
278–281	H 03 G	3/10
278	H 03 G	3/18
		3/30
282, 283	H 03 G	3/12
282	H 03 G	3/18
		3/30
284, 285	H 03 G	3/10
284	H 03 G	3/18
		3/30
286, 287	H 03 F	3/60
288, 289	H 03 F	3/04
290	H 03 F	1/30
291	H 03 F	1/38
292	H 03 F	1/14
293	H 03 F	1/08
		1/34
294	H 03 F	1/34
		1/38
295	H 03 F	3/68
296, 297	H 03 F	3/04
298	H 02 H	7/20
	H 03 F	3/04
299	H 03 F	3/04
		3/68
300	H 03 F	3/16
301	H 03 F	3/04
302–306	H 03 F	3/04
		3/191
307	H 03 F	3/14
308	H 03 F	3/08
309	H 03 F	3/14
310, 311	H 03 F	3/04
		3/68
U.S. Class 331		
Oscillators		
(IPC H 03 B)		
1, 2	H 03 L	7/00
3	H 03 L	7/26
4–18	H 03 L	7/00
19	H 03 L	7/16
20–36	H 03 L	7/00
37	H 03 B	21/00
38	H 03 B	21/02
39–43	H 03 B	21/00
44	G 01 R	23/00
45	H 03 B	27/00
46–59	H 03 B	
60	H 03 B	25/00
61	H 03 B	
62, 63	H 02 H	7/20
64	G 08 B	
	H 03 B	1/00
65	G 01 N	27/00
	G 05 D	
	G 08 B	19/00
		21/00
		23/00
	G 08 C	
66	G 01 J	5/00
	G 01 K	7/00
	G 01 N	27/00
	G 05 D	23/20
	G 08 B	13/18
		19/00
		21/00
		27/00
67–69	H 03 B	1/00
70, 71	H 03 B	
72	H 03 B	5/28
73	H 03 B	5/34
74, 75	H 03 B	1/00
76	H 03 B	1/00
77	H 03 B	
78	H 03 B	29/00
79	H 03 B	9/01
80	H 03 B	9/01
		13/00
81	H 03 B	9/02
82	H 03 B	9/08
83	H 03 B	9/04
84	H 03 B	9/01
		9/06
86–91	H 03 B	9/10
92, 93	H 03 B	9/02
94.1	H 01 S	1/06
	H 03 B	17/00
95	H 03 B	5/08
96–102	H 03 B	5/18
		7/12
103	H 03 B	1/00
104	H 03 B	9/01
105	H 03 B	1/04
106	H 03 L	5/00
107	H 03 B	5/12
		5/24
		5/36
		7/06
		7/14
		11/10
		19/14
108	H 03 B	5/12
		5/24
109	H 03 L	5/00
110	H 03 B	5/14
		5/26
		5/38
		5/42
111	H 03 K	3/26
112	H 03 K	3/30
113	H 03 K	3/281
114	H 03 K	3/26
		5/12
115	H 03 B	7/00
		7/06
116	H 03 B	5/30
		5/36
117–126	H 03 B	5/00
127	H 03 B	7/10
		11/02
128	H 03 B	11/08
129	H 03 K	3/37
130	H 03 K	3/37
131	H 03 K	3/37
132–134	H 03 B	7/00
135–137	H 03 B	5/20
138	H 03 B	5/14
		5/42
139	H 03 B	5/38
140	H 03 B	5/26
141, 142	H 03 B	5/26
143	H 03 K	3/02
144, 145	H 03 K	3/06
146	H 03 K	3/16
147–149	H 03 K	3/16
150–152	H 03 K	3/02
153	H 03 K	7/00
154–156	H 03 B	5/30
157	H 03 B	5/40
158–164	H 03 B	5/32
165	H 03 B	11/00
166	H 03 B	11/08
		11/10
167–174	H 03 B	5/08
		5/18
175, 176	H 03 L	1/00
177–181	H 03 B	
182	H 03 L	5/00
183–185	H 03 B	
186	H 03 L	1/00
187	H 03 B	
U.S. Class 332		
Modulators		
(IPC H 03 C)		
1	H 03 C	1/50
		3/38
2	H 03 C	1/46
3, 4	H 03 C	
5	H 03 C	1/30
		3/32
		5/04
6, 7	H 03 C	1/28
		3/30
		5/02
7.5	H 01 S	1/00
7.51	H 01 S	3/00
8	H 03 C	
9–15	H 03 K	7/00
16, 17	H 03 C	3/00
18	H 03 C	3/08
19–24	H 03 C	3/00
25	H 03 C	3/34
26	H 03 C	3/28
27	H 03 C	3/00
28	H 03 C	3/14
29	H 03 C	3/12
30	H 03 C	3/20
31	H 03 C	1/00
37	H 03 C	1/06
38–41	H 03 C	1/00
42	H 03 C	1/00
		5/00
43	H 03 C	1/54
44	H 03 C	1/52
45	H 03 C	1/52
		1/60
46	H 03 C	1/00
47	H 03 C	1/54
48–50	H 03 C	1/00
51	H 03 C	1/00
		1/48
52–55	H 03 C	1/00
56	H 03 C	1/08
57	H 03 C	1/00
58	H 03 C	1/32
59–67	H 03 C	1/00
68	H 03 C	
U.S. Class 333		
Wave transmission lines and networks		
(IPC H 01 P)		
1	H 01 P	5/00
		5/12
	H 03 H	7/00
1.1	H 01 P	1/32
2–5	H 01 P	5/00
12	H 04 B	3/28
13	H 01 P	1/04
		1/14
14	H 03 G	7/00
	H 04 B	1/64
15, 16	H 04 B	3/10
17, 18	H 03 G	11/04
	H 04 B	3/04
19	H 04 B	3/00
20	H 04 B	3/04
21	H 01 P	1/16
22	H 01 P	1/26
23	H 04 B	3/40
24	H 03 H	5/00
24.1	H 01 P	1/32
24.2	H 01 P	1/36
24.3	H 01 P	1/175
		1/38
25, 26	H 03 H	5/00
27	H 03 H	5/10
		7/00
28	H 03 H	5/00
32–35	H 03 H	7/38
81	H 01 P	1/22
99	H 01 P	1/00
100	H 01 P	5/12
101	H 01 P	1/10
		5/12
102	H 01 P	1/32
		5/12
103–108	H 01 P	1/10
		5/12
109	H 01 P	5/12
		5/18
110	H 01 P	5/18
	H 03 H	7/46
		7/48
111	H 01 P	5/12
		5/18
	H 03 H	7/38
112	H 01 P	5/18
	H 03 H	7/38
113–115	H 01 P	5/12
		5/18
116	H 01 P	3/08
		5/12
		5/18
117	H 01 P	5/12
		5/22
118, 119	H 04 B	1/52
		1/58
120	H 01 P	5/12
		5/22
121–123	H 01 P	5/12
		5/20
124	H 01 P	5/12
	H 03 H	7/38
125, 126	H 01 P	5/12
127, 128	H 01 P	3/08
		5/12
129–131	H 03 H	7/38
132	H 03 H	7/46
		7/48
133	H 01 L	41/00
	H 03 H	9/00
134–137	H 01 P	5/12
138	H 03 H	7/18
		7/30
139	H 03 H	7/20
		7/36
140	H 03 H	7/18
		7/30
141–155	H 03 H	9/00
	H 04 B	11/00
156, 157	H 01 P	1/18
		9/00
158–160	H 01 P	1/18
		1/40
		9/00
161	H 01 P	1/18
		1/40
		3/08
		9/00
162, 163	H 01 P	1/18
		1/40
		9/02
164	H 01 P	1/40
		9/00
165	G 11 C	19/28
	H 03 H	7/28
		7/30
166	H 03 H	7/28
167	H 03 H	7/02
168–170	H 03 H	7/00
		7/01
171	H 03 H	7/01
172, 173	H 03 H	7/01
		7/14
174	H 03 H	7/10
175–177	H 03 H	7/00
		7/01
178–180	H 03 H	7/01
181–185	H 03 H	7/00
186–196	H 03 H	9/00
197–199	H 03 H	9/205
		9/22
		9/24
200	H 03 H	9/02
		9/24
201	H 03 H	7/34
202, 203	H 01 P	1/20
204, 205	H 01 P	1/20
206, 207	H 01 P	1/20
		3/06
208–211	H 01 P	1/20
212	H 01 P	1/20
		3/12
213, 214	H 03 H	11/00
215	H 03 H	7/44
		7/44
216, 217	H 03 H	7/44
		7/44
		11/00
		11/00
218	H 01 P	1/00
	H 03 B	19/00
219	H 01 P	7/00
220, 221	H 01 P	7/02
222–226	H 01 P	7/04
227	H 01 P	7/06
228	H 01 P	1/16
		7/06
229	H 01 P	1/30
		7/06
230–233	H 01 P	7/06
234, 235	H 01 P	7/00
236, 237	H 01 P	3/00
238	H 01 P	3/08
239	H 01 P	3/00
		3/12
240	H 01 P	3/00
241	H 01 P	3/14
242	H 01 P	3/00
243, 244	H 01 P	3/06
245	H 01 P	1/00
246	H 01 P	3/08
247, 248	H 01 P	1/00
249	H 01 P	1/02
250	H 01 P	1/00
		5/00
251	H 01 P	1/16
252	H 01 P	1/08
253	H 01 P	1/28
		3/00
		5/04
254	H 01 P	1/04
255	H 01 P	1/00
		5/00
256, 257	H 01 P	1/06
258	H 01 P	1/10
259	H 01 P	1/10
		1/12
260	H 01 P	1/00
		5/00
261	H 01 P	1/06
262	H 01 P	1/10
263	H 01 P	1/00
U.S. Class 334		
Tuners		
(IPC H 03 J)		
1–3	H 03 J	5/00
4	H 03 J	1/18
		1/22
5, 6	H 03 J	1/18
		3/04
7	H 03 J	5/06
		5/08
		5/32
8	H 03 J	1/00
9, 10	H 03 J	1/06
		1/18
11	H 03 J	3/04
		3/06
12	H 03 J	1/00
		3/00
13	H 03 J	3/00
		3/06
14, 15	H 03 H	5/12
	H 03 J	3/06
		5/04
16	H 03 J	3/04
17–20	H 03 J	3/00

U.S. Class 334—Con.

U.S. Subclass	IPC Subclass	IPC Notation
21–28	H 03 J	3/00
29	H 03 J	3/00
		5/02
30, 31	H 03 J	1/02
		3/12
32	H 03 J	1/04
		3/14
33	H 03 J	1/02
		3/12
34, 35	H 03 J	1/04
		3/14
36, 37	H 03 J	1/02
		3/14
38	H 03 J	
39	H 03 J	5/00
40	H 03 J	3/00
		5/00
41	H 03 J	3/00
		5/00
42, 43	H 03 J	3/24
		5/00
44–46	H 03 J	3/00
		5/00
47	H 03 J	5/00
48	H 03 J	3/10
		5/00
49–54	H 03 J	5/02
55–58	H 03 J	3/20
		5/24
59, 60	H 03 J	5/24
61–63	H 03 J	3/00
64	H 03 J	3/02
		5/02
65	H 03 J	3/02
		3/22
66–69	H 03 J	3/22
70	H 03 J	3/16
		3/22
71–73	H 03 J	3/20
74–76	H 03 J	3/16
		3/20
77	H 03 J	3/16
		3/20
		3/30
78–80	H 03 J	3/20
81, 82	H 03 J	3/20
83	H 03 J	3/20
		3/32
84	H 03 J	1/06
		3/20
85	H 03 J	1/00
		3/00
		5/00
86, 87	H 03 J	1/02
		3/12
88	H 03 J	1/00
89	H 03 J	1/00
		3/00
		5/00

U.S. Class 335

Electricity, magnetically operated switches, magnets and electromagnets

(IPC H 01 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 H	9/00
		45/00
2	H 01 H	
3	H 01 H	55/00
4	H 01 H	53/00
5	H 01 H	53/00
6–16	H 01 H	75/00
		77/00
		83/00
17	H 01 H	73/12
		75/00
		77/00
		83/00
18	H 01 H	73/00
		73/12
		75/00
		83/06
19, 20	H 01 H	83/00
21	H 01 H	73/02
		75/00
		77/00
		83/00
22, 23	H 01 H	73/48
		75/00
		77/00
		81/00
24	H 01 H	75/00
		77/00
		81/00
		83/00
25	H 01 H	75/02
		77/02
		81/00
		85/00
26, 27	H 01 H	73/00
		75/02
		77/02
		81/00
		85/00
28	H 01 H	73/00
		75/02
		77/02
		83/00
29	H 01 H	75/02
		77/02
30	H 01 H	75/02
		77/02
		81/00
		85/00
31	H 01 H	73/22
		75/08
		77/04
		81/02
32	H 01 H	75/02
		77/02
		81/00
		83/00
33, 34	H 01 H	75/02
		77/02
		81/00
		83/00
35, 36	H 01 H	75/12
		77/00
		81/00
		83/00
37	H 01 H	75/12
		77/04
		81/00
		83/00
38–41	H 01 H	75/10
		77/06
		81/04
		83/00
42	H 01 H	75/10
		77/06
		81/04
43–45	H 01 H	75/08
		77/04
		81/02
46	H 01 H	75/00
		77/00
		83/00
47–56	H 01 H	29/00
57	H 01 H	1/00
		29/00
58	H 01 H	1/08
		29/00
59	H 01 H	7/00
		43/00
60	H 01 H	7/00
		43/02
61	H 01 H	7/03
		43/02
62	H 01 H	7/02
		43/02
63	H 01 H	7/08
		7/14
		43/02
64	H 01 H	7/08
		43/08
65	H 01 H	7/10
		43/02
66	H 01 H	7/06
		43/02
		43/30
67	H 01 H	7/06
		43/02
		43/04
68–77	H 01 H	3/00
		9/00
		51/00
78	H 01 H	51/22
79–86	H 01 H	51/22
87–98	H 01 H	51/34
99–105	H 01 H	51/30
106	H 01 H	67/00
107, 108	H 01 H	67/02
109–112	H 01 H	67/14
113	H 01 H	67/02
114	H 01 H	67/06
115–121	H 01 H	67/02
122, 123	H 01 H	67/06
124	H 01 H	67/02
125	H 01 H	67/02
		67/06
126	H 01 H	67/02
127	H 01 H	67/02
		67/06
128–132	H 01 H	67/02
133–135	H 01 H	63/02
		67/02
136, 137	H 01 H	67/02
138–140	H 01 H	51/08
141–146	H 01 H	51/00
		61/00
147	H 01 H	53/00
148–150	H 01 H	53/015
151–154	H 01 H	1/66
		51/00
155, 156	H 01 H	7/16
		75/00
		77/00
157	H 01 H	3/60
		9/00
158, 159	H 01 H	9/00
160, 161	H 01 H	9/20
162–163	H 01 H	9/00
164–171	H 01 H	9/20
172–184	H 01 H	9/00
185–187	H 01 H	3/00
188	H 01 H	5/00
189–192	H 01 H	3/00
193	H 01 H	3/60
194, 195	H 01 H	3/00
196	H 01 H	1/00
197	H 01 H	1/48
		1/50
198	H 01 H	1/00
199	H 01 H	1/06
200	H 01 H	1/12
201	H 01 H	9/30
202	H 01 H	9/02
		13/04
203–207	H 01 H	9/00
208	H 01 H	9/00
		37/00
209	H 01 F	1/00
		7/00
210	H 01 F	7/00
211	H 01 F	3/12
		7/00
212	H 01 F	1/00
213, 214	H 01 H	1/00
		5/00
215	H 01 F	7/00
		7/02
		7/06
	H 01 H	55/00
216	H 01 F	1/00
		7/00
		7/22
217, 218	H 01 F	1/00
		7/00
		61/00
219	H 01 F	1/00
		7/00
220	H 01 F	7/08
221	H 01 F	7/08
222–227	H 01 F	7/08
228	H 01 F	7/08
		7/18
229–235	H 01 F	7/00
		7/08
236	H 01 F	3/12
		7/08
237, 238	H 01 F	7/08
239–242	H 01 F	7/18
243–246	H 01 F	7/10
247–249	H 01 F	7/12
250	H 01 F	7/10
251	H 01 F	3/00
		7/10
252	H 01 F	7/10
253	H 01 F	7/08
254	H 01 F	7/00
		7/08
255–262	H 01 F	3/00
		7/08
263	H 01 F	7/08
		7/16
264	H 01 F	3/00
		7/08
265	H 01 F	7/00
		7/08
266	H 01 F	5/00
		7/08
267	H 01 F	5/00
		7/00
		7/08
268	H 01 F	5/00
		7/18
269–271	H 01 F	7/08
272	H 01 F	7/08
		7/14
273	H 01 F	7/08
		7/13
274	H 01 F	7/08
		7/13
275, 276	H 01 F	7/08
277	H 01 F	1/00
		3/00
		7/00
278	H 01 F	7/00
279	H 01 F	3/00
		7/08
280	H 01 F	3/00
		3/08
		7/08
281	H 01 F	3/00
		7/08
282	H 01 F	5/00
		7/08
283	H 01 F	7/00
		7/20
284	H 01 F	7/20
		13/00
285–287	H 01 F	7/20
288	H 01 F	7/02
		7/20
289–294	H 01 F	7/20
295	H 01 F	7/04
296	H 01 F	1/00
		3/00
		7/00
297, 298	H 01 F	3/00
299, 300	H 01 F	5/00
301	H 01 F	7/00
302	H 01 F	7/02
303	H 01 F	3/00
		7/02
304–306	H 01 F	7/02

U.S. Class 336

Inductor devices

(IPC H 01 F)

U.S. Subclass	IPC Subclass	IPC Notation
5–12	H 01 F	33/00
15–45	H 01 F	21/02
55	H 01 F	27/08
57–58	H 01 F	27/10
59	H 01 F	27/02
60–62	H 01 F	27/08
65–68	H 01 F	15/02
69–70	H 01 F	15/14
73	H 01 F	27/28
75–79	H 01 F	21/04
82–83	H 01 F	15/02
84	H 01 F	15/04
87	H 01 F	21/10
90–98	H 01 F	27/02
100	H 01 F	15/00
105	H 01 F	17/00
107	H 01 F	27/04
110	H 01 F	21/00
115–117	H 01 F	21/04
118–120	H 01 F	21/06
121–129	H 01 F	21/04
130–136	H 01 F	21/06
137	H 01 F	21/00
138	H 01 F	21/02
139–141	H 01 F	29/06
142–144	H 01 F	29/02
145–148	H 01 F	21/02
149	H 01 F	29/06
150	H 01 F	21/12
155–165	H 01 F	21/08
170–171	H 01 F	27/28
172	H 01 F	17/04
173–174	H 01 F	40/00
175–176	H 01 F	17/06
177	H 01 F	17/00
178	H 01 F	17/06
179	H 01 F	15/16
180	H 01 F	27/28
181	H 01 F	27/34
182–184	H 01 F	27/28
185	H 01 F	27/30
186–191	H 01 F	27/28
192	H 01 F	15/10
195	H 01 F	27/28
196–198	H 01 F	27/30
199	H 01 F	27/30
200	H 01 F	5/00
205–208	H 01 F	27/30
209	H 01 F	27/30
210	H 01 F	27/26
211–219	H 01 F	27/24
220	H 01 F	27/28
221	H 01 F	17/04
222–232	H 01 F	27/28
233–234	H 01 F	27/24

U.S. Class 337

Electricity, electrothermally or thermally actuated switches

(IPC H 01 H)

U.S. Subclass	IPC Subclass	IPC Notation
1	H 01 H	37/00
		61/00
		85/00
2, 3	H 01 H	37/00
		61/00
		71/00
4–11	H 01 H	85/00
12, 13	H 01 H	31/00
		37/00
		71/00
14	H 01 H	61/00
		71/00
15–20	H 01 H	61/00
		71/14
		79/00
21	H 01 H	87/00
22–27	H 01 H	61/00
28, 29	H 01 H	61/00
		71/00
30–35	H 01 H	39/00
36–50	H 01 H	61/00
		71/16
51	H 01 H	61/06
		81/00
52–71	H 01 H	71/16
72	H 01 H	71/16
		71/50

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 337—Con.		
		73/22
		77/04
73	H 01 H	71/16
		75/08
		77/04
74–76	H 01 H	71/16
77	H 01 H	61/02
		71/16
78	H 01 H	61/00
		71/16
79	H 01 H	71/04
		71/16
		73/12
80	H 01 H	29/00
		71/16
81–84	H 01 H	61/00
		71/16
85	H 01 H	61/04
86–91	H 01 H	61/00
92	H 01 H	61/06
93, 94	H 01 H	61/08
95, 96	H 01 H	61/00
97	H 01 H	61/00
		71/16
98	H 01 H	61/00
		71/00
99	H 01 H	61/00
		71/22
100, 101	H 01 H	61/00
		71/16
		71/22
102–107	H 01 H	61/02
		63/013
		71/16
108	H 01 H	61/017
		61/02
		71/16
109	H 01 H	1/02
		1/06
		61/00
		71/16
110	H 01 H	9/30
		61/00
		71/00
111	H 01 H	61/00
		71/16
112	H 01 H	45/02
		61/00
		71/02
		71/16
113	H 01 H	61/01
		71/08
114	H 01 H	37/36
		61/00
		87/00
115	H 01 H	61/00
		87/00
116	H 01 H	61/06
		87/00
117–119	H 01 H	61/00
		87/00
120	H 01 H	61/02
		87/00
121, 122	H 01 H	61/00
		87/00
123	H 01 H	61/00
		71/18
124	H 01 H	61/00
		71/22
125	H 01 H	61/06
		81/02
126–137	H 01 H	61/00
		71/18
138	H 01 H	61/06
		81/00
139, 140	H 01 H	61/06
		71/18
141	H 01 H	61/02
142	H 01 H	85/00
143	H 01 H	71/20
		73/22
144, 145	H 01 H	71/20
146	H 01 H	71/20
		73/22
147, 148	H 01 H	71/20
149–155	H 01 H	71/20
		73/22
156–157	H 01 H	71/20
		73/24
158–160	H 01 H	85/04
161, 162	H 01 H	85/04
		85/12
163, 164	H 01 H	85/04
165	H 01 H	71/20
166, 167	H 01 H	85/04
168–179	H 01 H	71/10
		71/20
180, 181	H 01 H	71/08
		71/20
182–185	H 01 H	85/02
186	H 01 H	85/02
		85/20
187–189	H 01 H	85/02
		85/46
190	H 01 H	85/02
		85/36
191–196	H 01 H	85/02
		85/46
197–202	H 01 H	85/02
203	H 01 H	39/00
		85/02
204, 205	H 01 H	85/02
206	H 01 H	85/30
207	H 01 H	85/02
208–210	H 01 H	85/22
		85/48
211, 212	H 01 H	85/22
		85/54
213–215	H 01 H	85/50
		85/60
216	H 01 H	85/52
		85/62
217–219	H 01 H	71/20
		73/22
		85/02
220	H 01 H	73/22
		85/02
221	H 01 H	85/02
		85/46
222–224	H 01 H	85/00
225, 226	H 01 H	85/24
227–229	H 01 H	85/14
230	H 01 H	85/26
231, 237	H 01 H	85/16
238–240	H 01 H	85/36
241	H 01 H	85/30
242	H 01 H	85/32
243, 244	H 01 H	85/30
245–250	H 01 H	85/14
251–254	H 01 H	85/16
255–256	H 01 H	85/14
257	H 01 H	85/14
		85/26
258, 259	H 01 H	85/26
260, 261	H 01 H	85/16
262, 263	H 01 H	85/24
264	H 01 H	85/22
265	H 01 H	85/30
266	H 01 H	85/32
267	H 01 H	85/30
268, 269	H 01 H	85/16
270–272	H 01 H	85/14
273–275	H 01 H	85/38
276	H 01 H	85/18
277	H 01 H	85/40
278	H 01 H	85/38
279	H 01 H	85/44
280	H 01 H	85/38
281	H 01 H	85/42
282	H 01 H	85/38
283	H 01 H	85/04
284	H 01 H	85/26
285–288	H 01 H	85/28
289	H 01 H	85/26
290–293	H 01 H	85/04
294, 295	H 01 H	
296, 297	H 01 H	85/04
298	H 01 H	37/00
299, 300	H 01 H	37/02
301	H 01 H	37/62
302, 303	H 01 H	37/02
304, 305	H 01 H	37/12
306–311	H 01 H	37/36
312–314	H 01 H	37/36
		37/74
315	H 01 H	37/44
		37/74
316, 317	H 01 H	37/36
318	H 01 H	37/36
		37/60
319	H 01 H	37/12
		37/36
319, 218	H 01 F	37/60
320	H 01 H	37/38
		37/40
321	H 01 H	37/38
		37/40
322	H 01 H	37/42
323	H 01 H	37/12
		37/36
324	H 01 H	37/14
		37/36
325	H 01 H	37/36
		37/74
326	H 01 H	37/36
327, 328	H 01 H	37/36
329	H 01 H	37/36
		37/64
330	H 01 H	37/12
		37/36
331	H 01 H	37/36
		37/64
332	H 01 H	37/08
		37/36
333	H 01 H	37/52
334	H 01 H	37/52
335	H 01 H	37/52
336	H 01 H	37/52
337	H 01 H	37/52
338	H 01 H	37/52
339	H 01 H	37/52
340	H 01 H	37/52
341	H 01 H	37/52
		37/62
342	H 01 H	37/74
343	H 01 H	37/74
344	H 01 H	37/66
		37/74
345	H 01 H	37/74
346	H 01 H	37/62
		37/74
347	H 01 H	37/12
		37/74
348	H 01 H	37/70
		37/74
349	H 01 H	37/12
		37/52
350	H 01 H	37/52
351	H 01 H	37/52
352	H 01 H	37/52
353	H 01 H	37/52
354	H 01 H	37/52
355	H 01 H	37/52
356	H 01 H	37/52
		37/74
357	H 01 H	37/22
		37/52
		37/74
358	H 01 H	37/52
		37/70
		37/74
359	H 01 H	37/52
		37/74
360	H 01 H	37/12
		37/52
361	H 01 H	37/12
		37/52
362	H 01 H	37/52
363	H 01 H	37/52
364	H 01 H	37/52
365	H 01 H	37/54
366	H 01 H	37/54
		37/66
367	H 01 H	37/54
		37/70
368	H 01 H	37/12
		37/54
369	H 01 H	37/52
370	H 01 H	37/52
371	H 01 H	37/52
372	H 01 H	37/04
		37/52
373	H 01 H	37/52
		37/64
374	H 01 H	37/02
		37/52
375	H 01 H	37/18
		37/52
376	H 01 H	37/08
		37/52
377	H 01 H	37/14
		37/52
378	H 01 H	37/10
		37/52
379	H 01 H	37/52
380	H 01 H	37/04
		37/52
381	H 01 H	37/04
		37/52
382	H 01 H	37/46
383	H 01 H	37/46
384	H 01 H	37/46
		37/74
385	H 01 H	37/46
		37/74
386	H 01 H	37/46
		37/74
387	H 01 H	37/46
		37/74
388	H 01 H	37/46
		37/74
389	H 01 H	37/46
		37/74
390	H 01 H	37/46
		37/60
		37/74
391	H 01 H	37/46
		37/60
		37/74
392	H 01 H	37/12
		37/46
393	H 01 H	37/46
394	H 01 H	37/48
395	H 01 H	37/50
396	H 01 H	37/46
397	H 01 H	37/46
398	H 01 H	37/04
		37/46
399	H 01 H	37/46
		37/64
400	H 01 H	37/46
		37/64
401	H 01 H	37/76
402	H 01 H	37/76
403	H 01 H	37/76
404	H 01 H	37/76
405	H 01 H	37/76
406	H 01 H	37/76
407	H 01 H	37/76
408	H 01 H	37/76
409	H 01 H	37/76
410	H 01 H	37/76
411	H 01 H	37/76
412	H 01 H	37/76
413	H 01 H	37/64
		37/76
414	H 01 H	37/76
415	H 01 H	37/76
416	H 01 H	37/76
417	H 01 H	37/02

U.S. Class 338

Electrical resistors

(IPC H 01 C)

1	H 01 C	8/02
2–5	G 01 L	1/22
6	G 01 B	7/16
7–10	H 01 C	7/06
11	H 01 C	1/08
12	H 01 C	10/14
13, 14	H 01 C	7/00
15–19	H 01 L	31/08
20–24	H 01 C	7/10
		7/13
25–31	H 01 C	3/04
		7/02
		7/04
32	H 01 L	43/00
		43/02
		43/04
		43/06
		43/08
		43/10
33	H 01 L	10/14
34, 35	H 01 L	7/00
36–47	H 01 L	10/10
48	H 01 C	10/16
		13/02
49	H 01 C	7/00
50	H 01 C	13/00
51–54	H 01 C	1/08
55, 56	H 01 C	1/082
57–59	H 01 C	1/08
60–63	H 01 C	3/02
		7/00
		10/00
64, 65	H 01 C	1/06
66	H 01 C	7/00
		10/00
67	H 01 C	13/00
68–70	H 01 C	10/00
71	H 01 C	10/10
72	H 01 C	10/08
		10/10
		10/46
73	H 01 C	10/42
74	H 01 C	10/38
75–79	H 01 C	10/00
80–86	H 01 C	10/02
87, 88	H 01 C	10/00
89–91	H 01 C	10/04
92–97	H 01 C	10/06
98	H 01 C	10/10
99–114	H 01 C	10/10
		10/12
115	H 01 C	10/10
116	H 01 C	10/14
117–121	H 01 C	10/30
122–124	H 01 C	10/18
125–134	H 01 C	10/16
135–137	H 01 C	10/00
138–142	H 01 C	10/22
143–149	H 01 C	10/24
150–152	H 01 C	10/26
153–155	H 01 C	10/00
156	H 01 C	1/125
157–158	H 01 C	10/28
159	H 01 C	10/00
160–161	H 01 C	10/30
162–171	H 01 C	10/32
172, 173	H 01 C	10/36
174, 175	H 01 C	10/34
176–179	H 01 C	10/38
180–181	H 01 C	10/40
		10/42
182	H 01 C	10/38
183	H 01 C	10/44
184	H 01 C	1/02
		10/00
185–189	H 01 C	10/46
190–193	H 01 C	10/48
194	H 01 C	10/46
195–197	H 01 C	10/00
198	H 01 C	10/50
199	H 01 C	10/00
200, 201	H 01 C	10/50
202	H 01 C	1/12
203	H 01 C	7/00
204, 205	H 01 C	7/18
206	H 01 C	3/00
207–209	H 01 C	3/00
210–214	H 01 C	3/06
		7/00
215, 216	H 01 C	13/00
217, 218	H 01 C	3/08

U.S. Class 338—Con.

U.S. Subclass	IPC Subclass	IPC Notation
219–221	H 01 C	13/00
222	H 01 C	10/02
		11/00
223–225	H 01 C	8/00
226–231	H 01 C	1/02
232, 233	H 01 C	1/022
234–236	H 01 C	1/026
237	H 01 C	1/024
238–242	H 01 C	1/03
243–251	H 01 C	1/028
252–255	H 01 C	1/02
256, 257	H 01 C	1/032
258–261	H 01 C	1/02
262–266	H 01 C	1/034
267–274	H 01 C	1/02
275	H 01 C	1/034
276	H 01 C	1/02
277	H 01 C	1/00
278–282	H 01 C	3/00
283–292	H 01 C	3/10
		7/22
293	H 01 C	3/12
		7/22
294	H 01 C	3/10
295	H 01 C	7/22
296	H 01 C	13/00
297	H 01 C	3/14
		7/22
298	H 01 C	3/16
		7/22
299, 300	H 01 C	3/14
		7/22
301	H 01 C	3/18
		7/22
302, 303	H 01 C	3/20
		7/22
304, 305	H 01 C	3/14
		7/22
306–314	H 01 C	1/012
315	H 01 C	1/01
316	H 01 C	10/16
317	H 01 C	1/01
318, 319	H 01 C	10/14
320	H 01 C	1/01
321	H 01 C	1/00
322–326	H 01 C	1/14
327	H 01 C	1/142
328	H 01 C	1/14
329	H 01 C	1/144
330	H 01 C	1/14
331	H 01 C	1/146
332	H 01 C	1/148
333	H 01 C	3/00
		7/00
		10/00
334	H 01 C	13/00

U.S. Class 339

Electrical connectors

(IPC H 01 R)

U.S. Subclass	IPC Subclass	IPC Notation
1–8	H 01 R	39/00
9	H 01 R	41/00
10	8 60 0	1/08
10, 11	H 01 R	33/00
12	H 01 R	11/30
13	H 01 R	15/00
14	H 01 R	4/66
15, 16	H 01 R	4/64
17	H 05 K	1/00
18	H 01 R	25/00
		29/00
19	H 01 R	31/08
20, 21	H 01 R	9/00
22–24	H 01 R	13/60
25	H 01 R	13/46
26, 27	H 01 R	13/44
28, 29	H 01 R	11/00
30	H 01 R	13/20
31	H 01 R	29/00
32, 33	H 01 R	27/00
34–44	H 01 R	13/44
		13/60
45	H 01 R	13/62
46	H 01 R	13/62
47–49	H 01 R	25/00
50–53	H 01 R	33/08
54	H 01 R	33/97
55	H 01 R	33/06
56	H 01 R	33/975
57	H 01 R	33/08
58–63	H 01 R	11/00
64	H 01 R	13/00
65, 66	H 01 R	13/20
67	H 01 R	4/56
68	H 01 R	17/00
69–73	H 01 R	25/00
74	H 01 R	13/62
75–89	H 01 R	13/62
90	H 01 R	4/54
91, 92	H 01 R	13/62
93	H 01 R	33/975
94	H 01 R	4/00
95–100	H 01 R	4/02
		11/20
101	H 01 R	13/56
102–107	H 01 R	13/58
108–110	H 01 R	13/00
111	H 01 R	13/52
112	H 01 R	13/00
113	H 01 R	3/00
114–116	H 01 R	3/00
117, 118	H 01 R	4/64
119–124	H 01 R	13/60
		13/73
125–135	H 01 R	13/73
136–143	H 01 R	13/46
144–146	H 01 R	33/74
147	H 01 R	3/00
148	H 01 R	11/00
149–156	H 01 R	13/50
157	H 01 R	21/00
158–162	H 01 R	13/50
163	H 01 R	17/00
		19/28
		21/00
		23/00
		23/04
164–176	H 01 R	13/50
177	H 01 R	17/18
178–180	H 01 R	17/00
181	H 01 R	17/00
182	H 01 R	13/50
183	H 01 R	17/18
184	H 01 R	13/64
185–187	H 01 R	13/50
188	H 01 R	33/46
189–191	H 01 R	13/50
192	H 01 R	33/72
193, 194	H 01 R	13/50
195, 196	H 01 R	33/05
197	H 02 G	3/20
198	H 01 R	9/00
199, 200	H 01 R	13/50
201	H 01 R	4/20
202	H 01 R	4/22
203	H 01 R	4/20
204–216	H 01 R	13/50
217–221	H 01 R	4/24
222	H 01 R	31/08
223	H 01 R	15/12
224–240	H 01 R	11/26
241–245	H 01 R	13/11
		13/14
		13/15
		13/24
246	H 01 R	4/44
247–251	H 01 R	13/24
252	H 01 R	11/22
253–262	H 01 R	11/22
263	H 01 R	4/30
		4/38
264	H 01 R	4/30
265	H 01 R	4/46
266	H 01 R	4/38
267	H 01 R	4/30
		4/38
268	H 01 R	4/38
269	H 01 R	4/34
270	H 01 R	4/50
271	H 01 R	4/34
272	H 01 R	4/36
273, 274	H 01 R	4/50
275	H 01 R	4/02
276	H 01 R	4/10
		4/10
277	H 01 R	9/22
278	H 01 R	3/00

U.S. Class 340

Communications, electrical

(IPC G 08)

U.S. Subclass	IPC Subclass	IPC Notation
19	8 66 8	3/00
20	B 66 B	1/00
21	B 66 B	3/02
22	G 08 G	
47	B 61 L	
48	B 61 L	15/00
49–50	B 61 L	29/24
51	G 08 G	1/14
52–57	B 60 Q	1/00
58	B 60 C	23/00
59–62	B 60 Q	1/00
63	B 60 R	25/00
64	B 60 R	25/04
65	B 60 R	25/00
66–68	B 60 Q	1/00
69	B 60 Q	1/44
70–72	B 60 Q	1/26
73	B 60 Q	1/34
74	B 60 Q	1/26
75	B 60 Q	1/26
76	B 60 Q	1/46
77–80	B 60 Q	1/26
81–83	B 60 Q	1/46
84–113	B 60 Q	1/00
114–119	E 01 F	9/00
120–133	G 08 B	5/22
134	B 62 J	3/00
		6/00
135	B 60 Q	1/00
136	G 08 B	5/06
137–146	G 08 B	5/00
146.2	G 05 B	1/00
	G 06 F	7/02
286	G 08 8	
287–309	G 08 8	25/00
309.15	G 08 8	1/00
309.2–309.6	G 08 8	1/00
310	H 04 M	11/04
311.1	H 04 Q	1/30
313–323	G 08 8	23/00
326, 327	G 08 8	27/00
328, 329	G 08 8	3/00
330	G 08 8	3/00
		5/00
331–332	G 08 8	5/00
	H 05 8	39/00
		41/00
333	G 08 B	1/00
345, 346	H 04 L	
347	H 03 M	
348–365	H 04 L	
384	G 08 B	3/00
385	G 01 V	1/104
		1/157
	G 08 B	3/00
386	G 01 V	1/104
		1/157
	G 08 8	3/00
387	G 08 B	
388–391	G 08 B	3/00
	G 10 K	9/00
392–401	G 08 B	3/00
	G 10 K	1/00
		3/00
402, 403	G 01 K	1/08
	G 08 B	3/00
404	G 08 B	3/00
	G 10 K	9/00
405	G 08 B	3/00
	G 10 K	7/00
406	G 08 8	3/00
	G 10 K	5/00
407	G 08 B	
500–504	G 08 B	23/00
505	G 08 8	26/00
506–516	G 08 B	29/00
517	G 08 B	23/00
518	G 08 8	26/00
519, 520	G 08 B	23/00
521, 522	G 08 8	19/00
523	G 08 B	23/00
524, 525	G 08 B	25/00
526–530	G 08 B	23/00
531, 532	G 08 B	1/00
	H 04 Q	1/30
533–538-	G 08 B	1/08
	H 04 Q	1/30
539	G 08 8	1/08
	H 04 Q	7/00
540	G 08 8	21/00
541	G 08 B	13/00
542, 543	E 05 8	45/06
544	G 08 B	13/20
545–547	G 08 8	13/08
548	G 08 B	13/12
549	G 08 8	13/08
550	G 08 8	13/00
551	G 08 B	13/24
552–557	G 08 8	13/18
561–564	G 08 B	13/26
565, 566	G 08 8	13/00
567	G 08 8	13/18
568–572	G 08 B	13/14
573	G 08 B	23/00
574	G 08 8	13/00
575, 576	G 08 8	23/00
577–579	G 08 8	17/12
580–583	G 08 8	19/02
584–589	G 08 B	17/00
590–591	G 08 8	17/02
592	G 08 8	17/04
593–599	G 08 B	17/06
600	G 08 B	17/12
601	G 01 W	1/00
602–627	G 08 B	21/00
628–634	G 08 8	17/10
635–690	G 08 B	21/00
691	G 08 8	3/00
		5/00
		7/00
692	G 08 B	25/02
693	G 08 B	23/00
694.	H 04 Q	9/00
695. , 696	H 04 Q	9/14
696	H 04 L	
700	G 09 G	1/00
		3/00
701–704	G 09 G	1/28
705–719	G 09 G	3/02
720–733	G 09 G	1/06
734	G 09 G	1/14
735	G 09 G	1/06
		1/16
736	G 09 G	1/08
737, 738	G 09 G	1/08
		1/12
739–742	G 09 G	1/10
743	G 09 G	1/08
744–751	G 09 G	1/14
752–755	G 09 G	3/20
756, 757	G 09 G	3/04
758	G 09 G	3/04
		3/06
		3/10
759	G 09 G	3/04
		3/06
760	G 09 G	3/08
		3/12
761	G 09 G	3/04
		3/06
762	G 09 G	3/14
763	G 09 G	3/16
764	G 09 G	3/16
765	G 09 G	3/18
766, 767	G 09 G	3/20
768	G 09 G	3/26
		3/28
769, 770	G 09 G	3/20
771–779	G 09 G	3/22
		3/28
780	G 09 G	3/24
781	G 09 G	3/30
782	G 09 G	3/32
783	G 09 G	3/34
784	G 09 G	3/36
785–788	G 09 G	3/34
789–791	G 09 G	3/00
792	G 09 G	3/26
793	G 09 G	3/00
794–797	G 09 G	1/26
798–801	G 09 G	1/02
802–814	G 09 G	3/00
815.01	G 08 8	5/00
		5/36
815.02	G 08 8	5/00
815.03	G 08 8	5/22
	H 05 B	33/00
815.04, 815.05	G 08 8	5/00
815.06	G 01 J	1/34
815.07–815.09	G 08 8	5/00
815.1	G 08 B	5/36
815.11	G 08 8	5/22
815.12–815.14	G 08 8	5/36
815.15, 815.16	G 08 B	5/00
815.17	G 08 8	5/24
815.18	G 08 B	5/36
815.19–815.23	G 08 8	5/00
815.24	G 04 C	17/00
815.25	G 08 B	5/14
815.26–815.30	G 08 8	5/00
815.31–815.33	G 08 8	5/00
815.31	G 09 F	19/12
825	H 04 Q	
825.01	H 04 L	1/00
825.02–825.04	H 01 H	67/00
825.05	H 04 Q	3/00
825.06–825.18	G 05 8	23/02
825.19	H 04 Q	
825.2–825.21	H 04 L	7/00
825.22–825.24	G 05 8	19/02
825.25–825.29	H 04 Q	
825.3–825.33	G 06 F	7/04
825.34	G 07 0	7/00
825.35	G 06 F	7/04
825.36, 825.37	G 08 B	5/22
825.38–825.43	H 04 L	11/16
	H 04 M	11/02
825.44–825.49	G 08 8	5/22
825.5–825.56	H 04 Q	
825.57–825.78	G 08 C	19/00
825.79–825.98	H 04 Q	
850–852	H 04 8	13/02
853–861	G 01 V	1/00
870.01	G 08 C	19/16
870.02	G 08 8	23/00
	G 08 C	15/06
870.03	G 08 C	15/06
		19/20
870.04	G 08 C	15/06
		19/22
870.05, 870.06	G 08 C	19/06
870.07	G 08 C	9/06
		19/22
870.08	G 08 C	19/00
870.09	G 08 B	19/00
		21/00
870.1	G 08 C	17/00
		19/16
870.11	G 08 C	19/04
		19/10
870.12	G 01 K	5/00
	G 08 C	15/06
870.13	G 08 C	15/08
		15/12
870.14	G 08 C	15/08
870.15	G 08 C	15/00
		15/04
870.16	G 08 8	21/00
870.17	G 08 C	19/12
		19/16
870.18	G 08 C	19/16

U.S. Class 340—Con.

U.S. Subclass	IPC Subclass	IPC Notation
870.19	G 08 C	19/16
		19/20
870.2	G 08 B	29/00
	G 08 C	19/16
870.21–870.26	G 08 C	19/16
870.27	G 08 C	9/06
870.28	G 08 C	17/00
		19/12
870.29	G 08 C	19/02
		19/16
870.3	G 08 C	19/00
		19/38
870.31	G 08 C	19/06
		19/12
870.32–870.36	G 08 C	19/06
870.37	G 08 C	19/10
		19/16
870.38	G 08 C	15/00
870.39	G 08 C	19/04
870.4	G 08 C	15/00
870.41	G 08 C	19/00
870.42	G 08 C	19/02
870.43	G 08 C	19/00
		25/00
870.44	G 08 C	19/16
901–902	G 08 G	1/00
903	G 08 G	1/16
904	G 08 G	1/00
905	G 08 G	1/09
906	G 08 G	1/07
907–908	G 08 G	1/095
909–911	G 08 G	1/07
		1/08
912–914	G 08 G	1/07
915	G 08 G	1/07
		1/095
916	G 08 G	1/07
917–919	G 08 G	1/07
		1/08
920–921	G 08 G	1/07
922	G 08 G	1/08
923	G 08 G	1/07
		1/095
924–927	G 08 G	1/07
928	G 08 G	1/00
		1/065
929–930	G 08 G	1/096
931	G 08 G	1/097
932	G 08 G	1/00
		1/096
933	G 08 G	1/01
934	G 08 G	1/065
935–936	G 08 G	1/01
937	G 08 G	1/10
938–939	G 08 G	1/01
940	G 08 G	1/02
941	G 08 G	1/01
942–943	G 08 G	1/04
944	G 08 G	1/095
945–946	G 08 B	21/00
947–950	G 08 G	5/00
951	B 64 F	1/20
	G 08 G	5/00
952–953	B 64 F	1/18
	G 08 G	5/00
954	B 64 F	1/20
	G 08 G	5/00
955	B 64 F	1/18
955–956	G 08 G	5/00
957–959	G 08 B	21/00
	G 08 G	5/00
960	G 08 B	21/00
961	G 08 G	5/04
962	G 08 B	21/00
963–970	G 08 B	23/00
971, 972	G 01 C	21/00
		23/00
973	G 01 C	23/00
974	G 01 C	21/00
975	G 01 C	23/00
976–980	G 01 C	21/00
981, 982	B 64 D	47/06
983	B 64 D	47/00
	G 08 G	5/00
984	G 08 B	23/00
985	G 08 G	3/00
986	G 08 B	21/00
987	B 63 M	25/36
988–996	G 08 G	1/12

U.S. Class 343

Communications, radio wave

(IPC G 01 S)

U.S. Subclass	IPC Subclass	IPC Notation
5, 6	G 01 S	13/00
6.5	G 01 S	9/56
		13/74
6.8	G 01 S	13/74
7	G 01 S	13/00
7.3–7.6	G 01 S	13/00
7.7	G 01 S	13/52
7.9	G 01 S	7/20
8, 9	G 01 S	13/58
10	G 01 S	13/08
11	G 01 S	13/10
12	G 01 S	13/08
13	G 01 S	13/10
14	G 01 S	13/26
		13/34
15	G 01 S	13/08
16	G 01 S	13/00
17	G 01 S	7/04
17.1, 17.2	G 01 S	7/28
17.5	G 01 S	13/26
		13/34
17.7	G 01 S	7/40
18	G 01 S	7/36
		7/42
	H 01 Q	15/18
		17/00
350	G 01 S	1/00
		3/00
		5/00
	H 04 B	7/00
351	G 01 S	3/02
352–355	H 04 B	7/185
356	H 04 B	7/19
357	G 01 S	5/02
	H 04 B	7/185
358	H 04 R	7/185
359, 360	H 01 Q	3/00
361	H 01 Q	21/06
		21/24
	H 04 B	7/10
362	H 01 Q	21/06
		21/24
	H 04 B	7/10
363	H 01 Q	21/06
		21/24
	H 04 B	7/10
364	H 01 Q	21/06
		21/24
	H 04 B	7/10
365	H 01 Q	21/24
	H 04 B	7/10
	H 07 Q	21/06
366	H 01 Q	21/06
		21/24
	H 04 B	7/10
367	H 04 B	7/00
368	H 01 Q	3/22
		3/24
		3/26
369	G 01 S	5/02
370	H 01 Q	1/00
371–373	H 01 Q	3/22
		3/24
		3/26
374	H 01 Q	3/02
		3/12
375	H 01 Q	3/22
376, 377	H 01 Q	3/00
378–384	G 01 S	3/16
		3/28
385	G 01 S	1/00
386	G 01 S	1/08
387–392	G 01 S	1/24
393	G 01 S	1/22
394–397	G 01 S	1/30
398–406	G 01 S	1/44
407	G 01 S	1/08
408–413	G 01 S	1/16
		1/18
414	G 01 S	1/14
415	G 01 S	1/10
416	G 01 S	1/12
417	G 01 S	5/02
418	G 01 S	3/52
		5/02
419–424	G 01 S	5/02
425	G 01 S	3/56
		5/02
426–430	G 01 S	5/02
431	G 01 S	3/12
		5/02
432–449	G 01 S	5/04
450–465	G 01 S	3/02
700	H 01 Q	
701	H 01 Q	1/26
702	H 01 Q	1/24
703	G 01 R	
704	H 01 Q	1/02
705, 706	H 01 Q	1/28
707	H 01 Q	1/30
708	H 01 Q	1/28
709, 710	H 01 Q	1/34
711–717	H 01 Q	1/32
718	H 01 Q	1/12
719	H 01 Q	1/04
720	H 01 Q	1/00
721	H 01 Q	1/06
722	H 01 Q	1/00
723	H 01 Q	11/12
724	H 01 Q	1/00
725–728	H 01 Q	21/00
729, 730	H 01 Q	1/00
731, 732	H 01 Q	11/02
733–736	H 01 Q	11/06
737, 738	H 01 Q	11/02
739–740	H 01 Q	11/02
741–744	H 01 Q	11/12
745	H 01 Q	9/00
746	H 01 Q	13/10
747	H 01 Q	9/16
748	H 01 Q	7/00
749–752	H 01 Q	9/00
753, 754	H 01 Q	19/06
755	H 01 Q	19/10
756	H 01 Q	19/00
757, 758	H 01 Q	3/00
759	H 01 Q	3/10
760	H 01 Q	3/00
761	H 01 Q	3/12
762–766	H 01 Q	3/00
767–768	H 01 Q	13/10
769	H 01 Q	13/12
770, 771	H 01 Q	13/10
772–774	H 01 Q	13/00
775	H 01 Q	19/14
776–778	H 01 Q	13/00
779	H 01 Q	19/14
780	H 01 Q	13/00
781	H 01 Q	19/14
782	H 01 Q	19/14
783–786	H 01 Q	13/00
787	H 01 Q	1/00
788	H 01 Q	7/08
789	H 01 Q	1/42
790, 791	H 01 Q	9/04
792	H 01 Q	9/16
792.5	H 01 Q	11/10
793	H 01 Q	9/16
794	H 01 Q	21/00
795	H 01 Q	9/28
796	H 01 Q	21/20
797, 798	H 01 Q	21/26
799, 800	H 01 Q	21/20
801, 802	H 01 Q	9/16
803	H 01 Q	9/26
805	H 01 Q	9/44
806	H 01 Q	9/16
807	H 01 Q	9/28
808	H 01 Q	9/28
809	H 01 Q	9/44
810	H 01 Q	21/00
811	H 01 Q	11/04
812–815	H 01 Q	21/12
816, 817	H 01 Q	21/00
818	H 01 Q	19/10
819	H 01 Q	19/30
820–823	H 01 Q	9/16
824	H 01 Q	21/08
825	H 01 Q	9/04
826	H 01 Q	21/00
827	H 01 Q	21/10
828	H 01 Q	9/30
829, 830	H 01 Q	9/38
831	H 01 Q	9/30
832	H 01 Q	19/10
833	H 01 Q	19/00
834	H 01 Q	19/10
835, 836	H 01 Q	21/00
837–839	H 01 Q	19/10
840	H 01 Q	19/12
841	H 01 Q	1/52
842	H 01 Q	7/04
843	H 01 Q	11/00
844	H 01 Q	21/00
845–849	H 01 Q	1/48
850	H 01 Q	1/50
851	H 01 Q	1/52
852	H 01 Q	1/50
853	H 01 Q	21/00
855	H 01 Q	21/00
856	H 01 Q	1/44
857–864	H 01 Q	1/50
865	H 01 Q	9/16
867	H 01 Q	21/00
868–870	H 01 Q	7/00
871	H 01 Q	7/02
872	H 01 Q	1/42
873	H 01 Q	1/40
874, 875	H 01 Q	9/34
876	H 01 Q	3/24
877, 878	H 01 Q	1/12
879	H 01 Q	21/00
880, 881	H 01 Q	1/08
882	H 01 Q	3/02
883	H 01 Q	1/10
884	H 01 Q	1/22
885	H 01 Q	1/50
886	H 01 Q	1/14
887, 888	H 01 Q	1/12
889	H 01 Q	1/10
890–892	H 01 Q	1/12
893	H 01 Q	21/00
894	G 01 R	
895–899	H 01 Q	1/36
900	H 01 Q	9/30
901–903	H 01 Q	1/10
904, 905	H 01 Q	1/00
906	H 01 Q	1/50
907	H 01 Q	1/00
908	H 01 Q	1/36
909, 910	H 01 Q	15/02
		15/24
911	H 01 Q	15/08
912–914	H 01 Q	15/14
915	H 01 Q	15/20
916	H 01 Q	15/14

U.S. Class 346

Recorders

(IPC G 01 D)

U.S. Subclass	IPC Subclass	IPC Notation
1.1–38	G 01 D	9/00
40–43	G 01 D	9/00
44	G 01 D	9/04
		9/08
45–64	G 01 D	9/28
		9/36
65–73	G 01 D	9/00
74.2–74.7	G 11 B	9/00
75	G 01 D	15/18
76	G 01 D	15/10
77	G 01 D	15/02
78–106	G 01 D	15/04
		15/20
107–110	G 01 D	9/42
111–133	G 01 D	15/16
134	G 01 D	15/24
		15/26
		15/34
135.1	G 01 D	9/00
136–138	G 01 D	15/24
		15/26
		15/34
139–140	G 01 D	15/16
		15/18
141–142	G 01 D	15/02
		15/04
143	G 01 D	15/16
		15/18
144–145	G 01 D	15/00
146	G 01 D	9/00
150	G 01 D	15/06
151	G 11 B	3/00
152	G 01 D	15/14
153.1, 160.1	G 01 D	15/06
154, 155	G 01 D	15/06
156	G 01 D	15/06
		15/20
157	G 01 D	15/06
	G 03 G	15/01
158, 159	G 01 D	15/06
160	G 01 D	15/14
161	G 01 D	15/06
		15/10
162–164	G 01 D	15/08
165	G 01 D	15/06

U.S. Class 350

Optics, systems and elements

(IPC G 02 B)

U.S. Subclass	IPC Subclass	IPC Notation
1.1	G 02 B	5/22
1.2	G 02 B	15/14
1.3	G 02 B	5/24
1.4	F 21 V	9/06
1.5	G 02 B	5/24
1.6	G 02 B	5/22
1.7	G 02 B	5/24
3.6–3.65	G 03 H	1/02
3.66	G 03 H	1/08
3.67	G 03 H	1/10
3.68	G 02 B	1/12
3.69	G 02 B	1/20
3.7	G 02 B	5/32
3.71	G 02 B	26/10
3.72–3.74	G 02 B	5/32
3.75	G 03 H	1/28
3.76–3.77	G 03 H	1/30
3.78–3.79	G 03 H	1/02
3.8	G 03 H	1/16
3.81	G 03 H	1/02
3.82	G 03 H	1/16
3.83–3.86	G 03 H	1/22
4.1–4.2	G 02 B	23/00
6.1–6.9	G 02 B	26/08
96.1	G 02 B	6/00
		6/14
96.11	G 02 B	6/12
96.12–96.14	G 02 B	6/10
96.15	G 02 B	6/26
		6/42
96.16	G 02 B	6/28
96.17	G 02 B	6/30
96.18	G 02 B	6/32
96.19	G 02 B	6/34
96.2	G 02 B	6/36
		7/26
96.21	G 02 B	6/38
96.22	G 02 B	6/40
96.23	G 02 B	6/44
96.24	G 02 B	6/04
96.25	G 02 B	6/06
96.26	G 02 B	23/26
96.27	G 02 B	6/08
96.28	G 02 B	6/00
96.29	G 02 B	6/02
		6/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 350—Con.		
96.3	G 02 B	6/10
96.31	G 02 B	6/18
96.32	G 02 B	6/20
96.33	G 02 B	6/22
96.34	G 02 B	6/00
97	G 02 B	5/12
98	G 02 B	5/12
99	G 02 B	5/12
100	G 02 B	17/02
101	G 02 B	5/12
102	G 02 B	5/122
103	G 02 B	5/124
104	G 02 B	5/126
105	G 02 B	5/128
106	G 02 B	5/13
107	G 02 B	5/132
108	G 02 B	5/134
109	G 02 B	5/136
110	G 02 B	27/02
111	G 02 B	5/30
		27/02
112	G 02 B	17/04
		27/02
113	G 02 B	17/06
		27/02
114	G 02 B	27/02
115	G 02 B	27/02
116	G 02 B	27/02
117	G 03 B	21/56
118	G 03 B	21/56
119	G 03 B	21/56
120	G 03 B	21/56
121	G 03 B	21/56
122	G 03 B	21/56
123	G 03 B	21/56
124	G 03 B	21/56
125	G 03 B	21/56
126	G 03 B	21/60
127	G 03 B	21/60
128	G 03 B	21/60
129	G 03 B	21/60
130	G 02 B	27/22
131	G 02 B	27/22
132	G 02 B	27/22
		27/26
133–135	G 02 B	27/22
136	G 02 B	27/22
137, 138	G 02 B	27/24
139, 140	G 02 B	27/22
141–144	G 02 B	27/22
145	G 02 B	27/02
146	G 02 B	25/00
162.11	G 02 B	5/18
162.12–162.14	G 02 B	27/42
		27/46
162.15	G 02 B	27/44
		27/46
162.16	G 02 B	27/44
162.17	G 02 B	5/18
		27/44
162.18	G 02 B	5/18
162.19	G 02 B	5/18
		27/44
162.2–162.24	G 02 B	5/18
163	G 02 B	27/00
164, 165	G 02 B	1/10
166	G 02 B	5/28
167	G 02 B	27/00
168	G 02 B	5/04
169	G 02 B	27/10
170	G 02 B	27/12
171–174	G 02 B	27/14
235–240	G 02 B	27/02
241	G 02 B	27/02
242–257	G 02 B	7/02
258–262	G 02 B	17/00
		27/00
263	G 02 B	27/00
264, 265	G 02 B	17/00
266–275	G 02 B	26/02
276	G 02 B	27/00
277–284	G 02 B	17/00
286	G 02 B	5/04
287	G 02 B	7/18
288	G 02 B	5/08
		23/24
289	G 02 B	5/08
290	G 02 B	5/26
291, 292	G 02 B	5/08
293–296	G 02 B	5/10
297	G 02 B	
298	G 02 B	7/18
299–309	G 02 B	5/08
		5/10
310	G 02 B	5/08
311	G 02 B	5/20
312	G 02 B	5/24
313–317	G 02 B	5/22
318	G 02 B	7/00
319	G 02 B	5/00
		7/00
		27/00
320, 321	G 02 B	
		/00
322	G 03 F	5/00
330–352	G 02 F	1/13
353	G 02 F	1/01
354	G 02 B	5/23
	G 02 F	1/01
355	G 02 F	1/01
356	G 02 F	1/03
		1/05
357	G 02 F	1/01
358	G 02 F	1/11
		1/33
359	G 02 B	26/00
	G 02 F	1/00
360–362	G 02 B	26/00
363	G 02 F	1/00
370	G 02 B	5/30
		27/28
371	G 02 B	5/30
	G 02 F	1/01
		1/11
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/33
		1/35
		1/37
		1/39
		2/00
		2/02
372	G 02 B	5/30
	G 02 F	1/01
		1/11
		1/17
		1/19
		1/21
		1/23
		1/25
		1/35
373	G 02 B	5/30
		5/30
	G 02 F	1/01
		1/01
		1/11
		1/11
		1/17
		1/17
		1/19
		1/19
		1/21
		1/21
		1/23
		1/23
		1/25
		1/25
		1/29
		1/33
		1/35
		1/35
		1/37
		1/39
		2/00
		2/02
		2/02
		5/30
		5/30
		5/30
		1/09
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/31
376–378	G 02 B	5/30
	G 02 F	1/09
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/31
		1/35
		1/37
		1/39
		2/00
		2/02
379	G 02 B	5/30
	G 02 F	1/00
380, 381	G 02 B	5/30
	G 02 F	1/29
382	G 02 B	5/30
	G 02 F	1/31
383	G 02 B	5/30
	G 02 F	1/29
384–390	G 02 B	5/30
	G 02 F	1/03
		1/05
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/31
		1/35
		1/37
		1/39
		2/00
		2/02
391	G 02 B	5/30
	G 02 F	1/03
		1/05
		1/07
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/31
		1/35
		1/37
		1/39
		2/00
		2/02
392, 393	G 02 B	5/30
	G 02 F	1/03
		1/05
		1/17
		1/19
		1/21
		1/23
		1/25
		1/29
		1/31
		1/35
		1/37
		1/39
		2/00
		2/02
394–407	G 02 B	5/30
		27/28
408	G 02 B	5/30
		27/28
	G 02 F	1/23
		1/25
409–413	G 02 B	3/00
		9/00
414	G 02 B	21/02
415, 416	G 02 B	3/00
		9/00
417	B 29 D	11/00
418, 419	G 02 B	1/06
		2/02
420	G 02 B	3/12
421	G 02 B	13/08
422	G 02 B	13/10
423–430	G 02 B	15/02
431	G 02 B	15/00
432	B 29 D	13/20
433, 434	G 02 B	13/18
435	G 02 B	3/04
		3/04
		13/18
436	G 02 B	3/00
		13/18
437	G 02 B	3/10
438	G 02 B	3/00
		13/14
439	G 02 B	3/00
		5/20
440	G 02 B	13/00
441	G 02 B	13/06
442–447	G 02 B	17/00
448–450	G 02 B	9/00
		9/08
451	G 02 B	3/00
452	G 02 B	3/08
453	G 02 B	3/00
454	G 02 B	9/00
455	G 02 B	9/60
456	G 02 B	9/34
457	G 02 B	9/00
458–462	G 02 B	13/04
463	G 02 B	9/00
464	G 02 B	9/62
465–468	G 02 B	9/60
469	G 02 B	9/34
470, 471	G 02 B	9/36
472, 473	G 02 B	9/34
474	G 02 B	9/12
475, 476	G 02 B	9/14
477, 478	G 02 B	9/12
479	G 02 B	9/04
480	G 02 B	9/06
481	G 02 B	9/04
482	G 02 B	3/00
		11/00
483	G 02 B	3/00
		11/06
		11/20
		11/30
		11/32
		11/34
484–487	G 02 B	26/08
500	G 02 B	27/64
501	G 02 B	23/00
		27/00
502	G 02 B	21/36
		23/00
503	G 02 B	17/00
		21/00
		23/06
504	G 02 B	17/00
		21/00
		23/06
505	G 02 B	17/00
		21/00
		23/06
506	A 61 B	1/00
	G 02 B	23/00
507	G 02 B	21/00
508	G 02 B	21/36
509, 510	G 02 B	21/06
511–513	G 02 B	21/18
514	G 02 B	21/20
515	G 02 B	21/22
516	G 02 B	21/22
517	G 02 B	21/22
		27/22
518	G 02 B	7/02
		21/00
519	G 02 B	7/02
		15/14
		21/00
520	G 02 B	7/02
		15/02
		21/00
521, 522	G 02 B	21/24
523–528	G 02 B	21/06
529	G 02 B	21/26
		21/32
530–532	G 02 B	21/26
		21/32
533	G 02 B	21/28
		21/30
534, 535	G 02 B	21/34
536	G 01 N	21/01
	G 02 B	21/34
537, 538	G 02 B	23/00
539	G 02 B	23/02
540	G 02 B	23/08
		23/22
541–544	G 02 B	23/08
		23/16
545	G 02 B	23/00
546	G 02 B	23/18
547	G 02 B	23/16
548	G 02 B	7/02
		23/00
549–551	G 02 B	7/11
		23/00
552	G 02 B	7/02
		23/00
553	G 02 B	7/11
		23/00
554–555	G 02 B	7/02
		23/00
556	G 02 B	7/06
		7/11
		23/00
557–558	G 02 B	23/00
559	G 02 B	7/02
		15/02
		23/00
560	G 02 B	7/02
		15/14
		23/00
561	G 02 B	23/00
562	G 02 B	23/00
		27/32
563–564	G 02 B	7/02
		23/00
565	G 02 B	7/02
		23/00
		27/32
566	G 02 B	23/00
		27/32
567–568	G 02 B	23/16
569	G 02 B	23/02
570	G 02 B	7/02
		15/14
571	G 02 B	27/00
572–573	G 02 B	23/00
		27/00
574	G 02 B	7/00
575	G 02 B	7/00
		25/04
576	G 02 B	21/36
		27/32
		70/00
577	G 02 B	7/00
578–579	G 02 B	23/16
580	G 02 B	
	G 03 B	11/04
581	G 02 B	
	G 03 B	11/04
582–584	G 02 B	
585	B 65 D	85/38
	G 02 B	
586	G 02 B	
587	G 02 B	
	G 03 B	11/04
589	G 02 B	
590	G 02 B	

U.S. Class 351

Optics, eye examining, vision testing and correcting

(IPC G 02 C)

41	G 02 C	
42	G 02 C	13/00

U.S. Class 351—Con.

U.S. Subclass	IPC Subclass	IPC Notation
43	G 02 C	1/00
44	G 02 C	7/10
45, 46	G 02 C	7/16
47, 48	G 02 C	9/00
49	G 02 C	7/12
50	G 02 C	7/14
51, 52	G 02 C	11/02
53	G 02 C	7/00
54, 55	G 02 C	7/06
56	G 02 C	3/04
57, 58	G 02 C	7/08
59	G 02 C	9/02
60	G 02 C	1/00
61	G 02 C	7/02
62	G 02 C	11/08
63, 64	G 02 C	5/08
65–89	G 02 C	1/00
90–102	G 02 C	1/08
103–109	G 02 C	1/04
110	G 02 C	1/02
111, 112	G 02 C	5/14
113, 114	G 02 C	5/16
115	G 02 C	5/20
116	G 02 C	5/14
117	G 02 C	5/18
118	G 02 C	5/20
119–123	G 02 C	5/14
124	G 02 C	5/02
125	G 02 C	5/10
126	G 02 C	5/06
127	G 02 C	5/08
128	G 02 C	5/04
129–135	G 02 C	5/02
136–139	G 02 C	5/12
140–152	G 02 C	5/00
153	G 02 C	5/22
154	G 02 C	5/00
155–157	G 02 C	3/00
158	G 02 C	1/00
159	G 02 C	7/02
160–162	G 02 C	7/04
163–165	G 02 C	7/10
166, 167	G 02 C	7/02
168–172	G 02 C	7/06
173–177	G 02 C	7/02
178	G 02 C	13/00
200	A 61 B	3/00
201, 202	A 61 B	3/08
203	A 61 B	3/00
204, 205	A 61 B	3/10
206–210	A 61 B	3/14
211–218	A 61 B	3/10
219	A 61 B	3/00
220, 221	A 61 B	3/10
222–226	A 61 B	3/02
227–231	A 61 B	3/04
232–244	A 61 B	3/02
245–247	A 61 B	3/00

U.S. Class 352

Optics, motion pictures

(IPC G 03 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–25	G 03 B	31/00
19	G 03 B	19/26
26–30	G 03 B	31/02
31–33	G 03 B	31/04
34–37	G 03 B	31/00
38, 39	G 03 B	19/18
		21/32
40–43	G 03 B	21/32
44–55	G 03 B	19/18
56	G 03 B	11/00
57–59	G 03 B	35/00
60, 61	G 03 B	35/08
		35/18
62–65	G 03 B	35/02
		35/16
66, 67	G 03 B	33/00
68	G 03 B	41/00
69	G 03 B	37/00
70, 71	G 03 B	37/04
72–78	G 03 B	23/02
79–84	G 03 B	41/00
85–88	G 03 B	21/32
89	A 63 J	5/00
90	G 03 B	21/32
91	G 03 B	21/36
92	G 03 B	21/50
93, 94	G 03 B	19/18
95	G 03 B	19/18
		21/00
96	G 03 B	21/06
97	G 03 B	19/24
		21/02
98–103	G 03 B	25/00
104	G 03 B	21/10
105, 106	G 03 B	41/02
107, 108	G 03 B	41/06
109–112	G 03 B	41/10
113–120	G 03 B	41/04
121, 122	G 03 B	17/46
123	G 03 B	21/04
124, 125	G 03 B	23/00
126–129	G 03 B	21/00
130	G 03 C	11/00
131, 132	G 03 B	29/00
133–138	G 03 B	19/18
		21/32
139, 140	G 03 B	3/00
141	G 03 B	7/08
142	G 03 B	3/00
143–145	G 03 B	21/18
146–148	G 03 B	21/16
149–155	G 03 B	21/18
156	G 03 B	1/00
157	G 03 B	1/56
158	G 03 B	1/58
159	G 03 B	1/56
160–165	G 03 B	21/46
166–168	G 03 B	1/00
169	G 03 B	21/38
170–172	G 03 B	1/60
173–179	G 03 B	1/00
180–182	G 03 B	21/48
183, 184	G 03 B	1/00
185	G 03 B	1/34
186–190	G 03 B	1/24
191–196	G 03 B	1/22
197	G 03 B	1/00
198–203	G 03 B	21/00
		21/20
204–206	G 03 B	9/08
207	G 03 B	9/28
		9/36
208–220	G 03 B	9/10
221	G 03 B	1/48
222	G 03 B	1/52
223–231	G 03 B	1/48
232–241	G 03 C	1/76
242	G 03 B	17/02
		21/14
243	G 03 B	17/00
		21/00
244	G 03 B	
	G 03 C	

U.S. Class 353

Optics, image projectors

(IPC G 03 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	G 03 B	21/00
4	G 03 B	23/08
5–14	G 03 B	21/00
15–16	G 03 B	31/00
17	G 03 B	21/30
		31/00
18	G 03 B	21/22
		31/00
19	G 03 B	31/06
20	G 03 B	21/14
21	G 03 B	21/00
22	G 03 B	21/14
23–24	G 03 B	1/48
		21/14
25	G 03 B	23/02
		23/04
		23/06
26	G 03 B	23/12
27	G 03 B	23/08
28–30	G 03 B	21/26
31–33	G 03 B	21/00
34–36	G 03 B	21/26
37	G 03 B	21/26
		21/28
38	G 03 B	21/14
39	G 02 B	21/36
40, 41	G 03 B	21/00
42	G 03 B	21/00
45, 46	G 03 B	21/00
47	G 03 B	21/22
48, 49	G 03 B	21/14
		21/26
50, 51	G 03 B	21/28
52	G 03 B	21/16
		21/18
53–59	G 03 B	21/18
		21/26
60, 61	G 03 B	21/16
		21/18
62	G 03 B	21/00
63	G 03 B	21/08
64	G 03 B	21/08
		21/28
65	G 03 B	21/06
66	G 03 B	21/06
		21/28
67	G 03 B	21/06
		21/22
		21/28
68	G 03 B	21/00
		23/00
69, 70	G 03 B	21/00
		21/14
71	G 03 B	21/22
72	G 03 B	21/30
73	G 03 B	21/28
		21/30
74–76	G 03 B	21/22
77, 78	G 03 B	21/22
		21/28
79, 80	G 03 B	21/24
81	G 03 B	21/28
82–84	G 03 B	21/14
85–87	G 03 B	21/20
88	G 03 B	21/14
89–91	G 03 B	21/14
92	G 03 B	21/14
		23/04
93	G 03 B	21/14
		23/18
94	G 03 B	21/26
95, 96	G 03 B	1/48
		1/50
		1/52
97	G 03 B	21/14
98, 99	G 03 B	21/28
100	G 03 B	21/14
101	G 03 B	3/00
		21/14
102	G 03 B	21/20
103, 104	G 03 B	23/00
105, 106	G 03 B	23/02
		23/04
107	G 03 B	23/06
108	G 03 B	23/10
109	G 03 B	23/08
110	G 03 B	23/10
111	G 03 B	23/02
112	G 03 B	23/02
113	G 03 B	23/02
114	G 03 B	23/14
115	G 03 B	23/04
116	G 03 B	23/04
117	G 03 B	23/06
118	G 03 B	23/00
119	G 03 B	21/14
		21/22
120	G 03 B	21/00
121	G 03 B	21/00
122	G 03 B	21/00

U.S. Class 354

Photographic apparatus, e.g., cameras

(IPC G 03 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 03 B	41/00
2	G 03 B	7/00
3	G 03 G	
4	G 03 B	41/00
5	B 41 B	13/00
		15/00
		17/00
		19/00
6	B 41 B	19/00
	G 03 B	19/00
7	B 41 B	17/00
	G 03 B	15/00
8	B 41 B	21/40
8, 9	G 03 B	15/24
9	B 41 B	21/32
		23/00
10	B 41 B	21/32
		23/00
	G 03 B	23/00
11	B 41 B	17/36
		17/38
	G 03 B	15/00
12	B 41 B	17/00
	G 03 B	15/02
		17/04
13, 014	B 41 B	17/04
13	G 03 B	15/16
14	G 03 B	17/06
15–017	B 41 B	17/00
15, 16	G 03 B	17/06
		17/10
17	G 03 B	17/08
18, 019	B 41 B	17/20
18, 19	G 03 B	17/18
20	G 03 B	41/00
21	G 03 B	7/00
62	G 03 B	29/00
63	G 03 B	37/00
64	G 03 B	17/08
65–74	G 03 B	39/00
75–78	G 03 B	29/00
79	G 03 B	17/48
80–82	G 03 B	29/00
83–93	G 03 B	17/50
94–99	G 03 B	37/00
100–102	G 03 B	33/00
103, 104	G 03 B	33/10
105–109	G 03 B	17/24
110–112	G 03 B	35/00
113–117	G 03 B	35/08
118–119	G 03 B	41/00
120–125	G 03 B	1/00
126–129	G 03 B	15/02
127.1–128.1	G 03 B	15/01
129	G 03 B	15/02
130	G 03 B	15/04
131–138	G 03 B	15/03
140–144	G 03 B	15/03
145.1	G 03 B	
146–148	G 03 B	15/03
149.1–149.11	G 03 B	15/03
150	G 03 B	15/00
151	G 03 B	19/14
152–158	G 03 B	19/12
159, 160	G 03 B	17/02
161	G 03 B	17/44
162–169	G 03 B	13/20
170–172	G 03 B	1/18
173.1–173.11	G 03 B	1/18
174–186	G 03 B	19/10
187, 188	G 03 B	17/04
189	G 03 B	5/06
190	G 03 B	5/02
191–194	G 03 B	17/04
195.1–195.13	G 03 B	1/18
199–201	G 03 B	3/00
202–203	G 03 B	17/00
204–206	G 03 B	17/42
207–209	G 03 B	19/02
210	G 03 B	19/06
211	G 03 B	17/22
212–216	G 03 B	1/00
217	G 03 B	17/38
218	G 03 B	1/60
219–220	G 03 B	13/02
221	G 03 B	13/14
222	G 03 B	13/10
223	G 03 B	13/02
224–225	G 03 B	13/08
226	G 03 B	9/08
227.1	G 03 B	9/56
228	G 03 B	9/00
229	G 03 B	9/04
230	G 03 B	9/08
231–232	G 03 B	9/00
233	G 03 B	9/08
234.1–235.1	G 03 B	9/08
236	G 03 B	9/08
237	G 03 B	9/64
238.1	G 03 B	9/64
239	G 03 B	9/64
240	G 03 B	17/38
241	G 03 B	9/28
242	G 03 B	9/32
243, 244	G 03 B	9/34
245	G 03 B	9/36
246, 247	G 03 B	9/40
248, 249	G 03 B	9/38
250	G 03 B	9/10
251	G 03 B	9/06
252	G 03 B	9/08
253	G 03 B	9/26
254, 255	G 03 B	9/10
256, 257	G 03 B	9/58
258.1	G 03 B	9/58
259, 260	G 03 B	9/58
261–265	G 03 B	9/20
266	G 03 B	17/38
267.1	G 03 B	17/38
268, 269	G 03 B	17/38
270–274	G 03 B	9/02
271.1	G 03 B	9/02
275–285	G 03 B	17/26
286	G 03 B	17/00
287	G 03 B	11/04
288	G 03 B	17/02
289.1–289.12	G 03 B	17/00
290	G 03 B	15/06
291, 292	G 03 B	15/00
293, 294	G 03 B	17/00
295, 296	G 03 B	11/00
297	G 03 D	13/00
298	G 03 D	13/00
299	G 03 D	13/00
300	G 03 D	7/00
301	G 03 D	9/00
302	G 03 D	3/00
303	G 03 D	9/00
304	G 03 D	9/02
305	G 03 D	9/00
306	G 03 D	11/00
307–309	G 03 D	17/00
310	G 03 D	13/06
311–316	G 03 D	17/00
317–318	G 03 D	5/00
319–323	G 03 D	3/08
324–327	G 03 D	3/02
328–330	G 03 D	3/04
331–338	G 03 D	13/02
339	G 03 D	13/08
340	G 03 D	13/08
341–344	G 03 D	13/14
345–347	G 03 D	13/10
348–353	G 03 D	15/00
354	G 03 B	19/00
400–409	G 03 B	3/00
		13/18
410–412	G 03 B	7/00
413	G 03 B	7/00
		15/03
414–418	G 03 B	7/00
		15/05
419, 420	G 03 B	7/00
		15/03
421	G 03 B	7/16
422, 423	G 03 B	7/00
		15/03
424	H 05 B	41/00

U.S. Class 354—Con.

U.S. Subclass	IPC Subclass	IPC Notation
425	G 03 B	7/08
426	G 03 B	7/091
427–440	G 03 B	7/08
441–445	G 03 B	7/08
		7/087
		7/097
446	G 03 B	7/08
447	G 03 B	7/12
448–450	G 03 B	7/08
		7/085
		7/095
451–452	G 03 B	7/08
		7/10
453–455	G 03 B	7/08
		7/085
		7/095
456–457	G 03 B	7/08
		7/083
		7/093
458	G 03 B	7/093
459	G 03 B	7/083
460	G 03 B	7/089
461	G 03 B	7/08
462	G 03 B	7/12
463, 464	G 03 B	7/08
465–468	G 03 B	17/18
469, 470	G 03 B	7/04
471–475	G 03 B	17/18
476–483	G 03 B	7/099
484	G 03 B	7/26
485, 486	G 03 B	7/00

U.S. Class 355

Photocopying

(IPC G 03 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 03 B	27/00
2	G 03 B	27/00
		27/02
		27/32
3	G 03 G	15/00
4	G 03 G	15/01
5–7	G 03 G	15/00
8	G 03 G	15/28
		15/32
9	G 03 G	15/00
10	G 03 G	15/10
11–14	G 03 G	15/00
15	G 03 G	21/00
16	G 03 G	15/00
18	G 03 B	27/00
19	G 03 B	27/00
		27/02
		27/32
20	G 03 B	27/72
		27/80
21	G 03 B	27/52
22	G 03 B	27/32
		35/14
23–27	G 03 B	27/32
		27/52
28, 29	G 03 B	29/00
30	G 03 B	27/52
31	G 03 B	27/32
		27/50
32	G 03 B	27/32
		27/52
33	G 03 B	27/32
		27/46
		27/52
34	G 03 B	27/46
		27/72
35, 36	G 03 B	27/72
		27/76
37	G 03 B	27/54
		27/72
38	G 03 B	27/80
39	G 03 B	27/32
		27/52
40–42	G 03 B	27/52
43	G 03 B	27/52
		27/70
44	G 03 B	13/24
		13/26
45	G 03 B	13/28
46	G 03 B	27/44
47	G 03 B	27/58
		27/62
48	G 03 B	27/48
		27/50
49	G 03 B	27/48
		27/50
		27/70
50	G 03 B	27/48
		27/50
51	G 03 B	27/48
		27/50
		27/70
52	G 03 B	27/68
53	G 03 B	27/42
54	G 03 B	27/44
55	G 03 B	27/52
56	G 03 B	27/34
		27/40
57	G 03 B	27/34
		27/40
		27/70
58	G 03 B	27/36
		27/38
59	G 03 B	27/36
		27/38
60	G 03 B	27/70
61–63	G 03 B	27/52
64	G 03 B	27/32
		27/52
65, 66	G 03 B	27/70
67	G 03 B	27/54
68	G 03 B	27/74
		27/80
69	G 03 B	27/72
70	G 03 B	27/54
71	G 03 B	27/72
72	G 03 B	27/58
73	G 03 B	27/60
74	G 03 B	27/58
75	G 03 B	27/62
76	G 03 B	27/62
		27/64
77	G 03 B	27/32
78, 79	G 03 B	27/02
80	G 03 B	27/72
81	G 03 B	27/80
82	G 03 B	27/04
83	G 03 B	27/80
84	G 03 B	27/10
85	G 03 B	27/04
86	G 03 B	27/04
87	G 03 B	27/20
88, 89	G 03 B	27/04
90	G 03 B	27/08
91–94	G 03 B	27/20
95	G 03 B	27/04
96	G 03 B	27/06
97	G 03 B	27/04
98	G 03 B	27/08
99	G 03 B	27/04
100	G 03 B	27/30
101	G 03 B	27/04
102	G 03 B	27/06
103	G 03 B	27/10
104	G 03 B	27/22
105	G 03 B	27/10
106, 107	G 03 B	27/30
108	G 03 B	27/10
109	G 03 B	27/12
110	G 03 B	27/10
111	G 03 B	27/10
112	G 03 B	27/14
113	G 03 B	27/04
114	G 03 B	27/04
115	G 03 B	27/72
116	G 03 B	27/04
117	G 03 B	27/22
118	G 03 B	27/04
119	G 03 B	27/16
120–124	G 03 B	27/04
125, 126	G 03 B	27/28
127–131	G 03 B	27/04
132	G 03 B	27/02
133	G 03 B	

U.S. Class 356

Optics, measuring and testing

(IPC G 01 J)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 01 C	3/00
		5/00
2	G 01 C	11/12
3	G 01 C	3/00
		5/00
4	G 01 C	3/08
4.5	G 01 C	3/00
5	G 01 C	3/08
6	G 01 C	25/00
7	G 01 C	3/02
8	G 01 C	3/04
9	G 01 C	3/10
10	G 01 C	3/02
11	G 01 C	3/20
12	G 01 C	3/14
13	G 01 C	3/14
14	G 01 C	3/14
15	G 01 C	3/24
16	G 01 C	3/12
17	G 01 C	3/12
18	G 01 C	3/02
19	G 01 C	3/12
20	G 01 C	3/10
		3/22
		3/24
		3/26
		5/00
		5/02
21	G 01 C	3/22
		3/26
		5/00
		5/02
22	G 01 C	3/22
		3/26
		5/00
		5/02
23	G 01 P	3/40
24	G 01 P	3/40
25	G 01 P	3/40
26	G 01 P	3/40
27	G 01 P	3/36
28	G 01 P	3/36
28.5	G 01 P	3/36
29	G 01 P	3/36
30	G 01 N	21/00
31	G 01 N	21/00
32	G 01 B	11/16
33	G 01 B	11/18
34	G 01 B	11/18
35	G 01 B	11/18
35.5	G 01 L	1/24
36	G 01 N	1/00
37	G 01 N	1/00
38	G 01 N	1/00
		33/28
39–42	G 01 N	33/48
43	G 01 J	5/48
44	G 01 J	5/48
45	G 01 J	5/60
46	G 01 J	5/52
47	G 01 J	5/56
48	G 01 J	5/52
		5/62
49	G 01 J	5/54
50	G 01 J	5/56
52	A 01 K	43/00
	G 01 N	33/08
53	A 01 K	43/00
	G 01 N	33/08
54	A 01 K	43/00
	G 01 N	33/08
55	A 01 K	43/00
	G 01 N	33/08
56	A 01 K	43/00
	G 01 N	33/08
57	A 01 K	43/00
	G 01 N	33/08
58	A 01 K	43/00
	G 01 N	33/08
59	A 01 K	43/00
	G 01 N	33/08
60	A 01 K	43/00
	G 01 N	33/08
61	A 01 K	43/00
	G 01 N	33/08
62	A 01 K	43/00
	G 01 N	33/08
63	A 01 K	43/00
	G 01 N	33/08
64	A 01 K	43/00
	G 01 N	33/08
65	A 01 K	43/00
	G 01 N	33/08
66	A 01 K	43/00
	G 01 N	33/08
67	A 01 K	43/00
	G 01 N	33/08
68	A 01 K	43/00
	G 01 N	33/08
69	G 01 B	11/24
		11/30
70	G 01 N	33/28
71	G 06 K	9/74
72	G 01 N	21/00
73	G 01 N	21/00
73.1	G 01 N	21/00
121	G 01 J	1/00
122	G 01 J	1/00
123	G 01 J	1/00
124	G 01 B	9/00
124.5	G 01 M	11/00
125	G 01 B	9/00
126	G 01 B	9/00
127	G 01 B	9/00
128–137	G 01 N	21/41
138	G 01 B	11/26
	G 01 C	1/00
139	G 01 C	1/06
140	G 01 B	11/26
	G 01 C	1/00
141	G 01 B	11/26
	G 01 C	1/00
142	G 01 C	1/06
143	G 01 C	1/06
144	G 01 C	1/00
145	G 01 C	1/00
146	G 01 C	1/00
147	G 01 C	1/00
148	G 01 C	1/10
149	G 01 C	1/10
150	G 01 B	1/00
	G 01 C	21/06
151	G 01 B	1/00
	G 01 C	21/06
152	G 01 B	11/26
	G 01 C	1/00
153	G 01 B	11/26
154	G 01 B	11/26
	G 01 C	1/00
155	G 01 B	11/26
213	G 01 J	1/00
214	G 01 J	1/60
215	G 01 J	1/46
216	G 01 J	1/56
217	G 01 J	1/34
		1/36
218	G 01 J	1/42
219	G 01 J	1/42
220	G 01 J	1/42
221	G 01 J	1/42
222	G 01 J	1/42
223	G 01 J	1/42
224	G 01 J	1/42
225	G 01 J	1/42
226	G 01 J	1/44
227	G 01 J	1/42
228	G 01 J	1/42
229	G 01 J	1/10
230	G 01 J	1/12
231	G 01 J	1/12
232	G 01 J	1/12
233	G 01 J	1/40
234	G 01 J	1/40
235	G 01 J	1/40
236	G 01 J	1/04
237–241	G 01 N	21/00
237	G 01 N	21/32
238	G 01 N	21/16
		21/32
239	G 01 N	21/16
		21/32
240	G 01 N	21/16
		21/32
241	G 01 N	21/16
		21/32
242	G 01 N	21/00
243	G 01 J	1/02
244	G 01 N	21/01
245	G 01 N	21/01
		33/36
246	G 01 N	1/10
247	G 01 C	9/02
		9/12
		9/16
		9/18
248	G 01 C	9/02
		9/12
		9/16
		9/18
249	G 01 C	9/18
250	G 01 C	9/12
		9/16
251	G 02 B	23/10
252	G 02 B	23/10
253	G 02 B	27/32
254	G 02 B	27/32
255	G 02 B	27/32
256	G 02 B	27/32
300	G 01 J	3/00
301	G 01 J	3/44
302–305	G 01 J	3/40
306	G 01 J	3/30
307	G 01 J	3/36
308, 309	G 01 J	3/06
309	G 01 J	3/42
		3/427
310	G 01 J	3/04
311–313	G 01 J	3/30
311	G 01 J	3/443
314	G 01 J	3/30
315	G 01 J	3/30
316	G 01 J	3/30
317, 318	G 01 J	3/30
319–325	G 01 J	3/42
319	G 01 J	3/427
322	G 01 J	3/447
323	G 01 J	3/433
326–330	G 01 J	3/28
327	G 01 J	3/447
331–333	G 01 J	3/12
334	G 01 J	3/18
335, 336	G 01 N	15/02
337–343	G 01 N	21/00
344	G 01 N	21/22
345, 346	G 01 B	9/02
346	G 01 J	3/45
347, 348	G 01 B	9/021
349–354	G 01 B	9/02
355–358	G 01 B	11/02
359, 360	G 01 B	11/00
361	G 01 N	21/41
		21/43
362	G 01 N	21/45
363	G 01 B	11/00
364–370	G 01 J	4/00
371	G 01 B	11/30
372	G 01 B	11/00
373–375	G 01 B	11/14
376, 377	G 01 B	11/24
378	G 01 B	11/22
379, 380	G 01 B	11/28
381, 382	G 01 B	11/06
383	G 01 B	11/02
384	G 01 B	11/02
		11/08
385	G 01 B	11/04
		11/10
386	G 01 B	11/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 356—Con.		
387	G 01 B	11/02
		11/08
388–390	G 01 B	11/00
391–393	G 01 B	9/08
394–401	G 01 B	11/00
402, 403	G 01 J	3/46
404	G 01 J	3/40
405–409	G 01 N	21/25
410, 411	G 01 N	21/85
412–415	G 01 N	21/25
416–420'	G 01 J	3/511
421–424	G 01 J	3/52
425	G 01 J	3/46
426	G 01 N	21/84
427, 428	G 01 N	21/90
429–431	G 01 N	21/84
432–444	G 01 N	21/00
445	G 01 N	21/55
446	G 01 N	21/47
447, 448	G 01 N	21/55
U.S. Class 357		
Active solid state devices, e.g., transistors, solid state diodes		
(IPC H 01 L)		
1	H 01 L	27/24
2	H 01 L	45/00
3	H 01 L	27/26
		47/00
		47/02
4	H 01 L	27/12
		45/00
		49/02
5	H 01 L	39/22
6	H 01 L	49/02
7	H 01 L	29/00
8	H 01 L	29/28
9	H 01 L	29/40
10	H 01 L	29/12
11	H 01 L	29/18
12	H 01 L	29/88
13	H 01 L	29/90
14	H 01 L	29/92
15	H 01 L	29/48
		29/56
		29/64
16	H 01 L	29/161
		29/205
		29/225
17	H 01 L	33/00
19	H 01 L	31/12
		31/16
20	H 01 L	29/06
21	H 01 L	29/74
22	H 01 L	29/80
23	H 01 L	29/78
24	H 01 L	29/78
25	H 01 L	29/66
		29/96
26	H 01 L	29/84
		29/96
27	H 01 L	27/22
		29/82
		29/96
		43/00
28	H 01 L	23/56
		29/66
29	G 01 T	1/24
	H 01 L	27/14
		31/00
30	H 01 L	27/14
		31/00
31	H 01 L	27/14
		31/00
		31/14
33	H 01 L	29/00
34–36	H 01 L	29/72
37	H 01 L	29/00
38	H 01 L	29/74
39	H 01 L	29/747
40–44	H 01 L	27/02
45	H 01 L	27/10
		27/15
46, 47	H 01 L	27/02
48	H 01 L	27/04
49	H 01 L	27/12
50	H 01 L	27/04
		27/12
51	H 01 L	27/02
52	H 01 L	29/34
53	H 01 L	29/40
54	H 01 L	29/34
55, 56	H 01 L	29/06
57	H 01 L	29/66
58	H 01 L	29/12
59, 60	H 01 L	29/04
61	H 01 L	29/161
		29/20
		29/22
		29/24
62	H 01 L	29/22
63	H 01 L	29/167
		29/207
		29/227
64	H 01 L	29/167
		29/207
		29/227
65, 66	H 01 L	23/48
		29/40
67	H 01 L	23/48
		29/46
		29/62
		29/64
68–70	H 01 L	23/48
		29/44
		29/52
		29/60
71	H 01 L	23/48
		29/46
		29/54
		29/62
72	H 01 L	23/28
73	H 01 L	23/30
74	H 01 L	23/02
		23/12
75	H 01 L	23/16
76	H 01 L	23/32
77	H 01 L	23/08
78	H 01 L	23/36
79	H 01 L	23/42
		23/44
		23/46
80	H 01 L	39/02
81	H 01 L	23/02
82	H 01 L	25/04
83	H 01 L	25/04
84	H 01 L	25/04
85	H 01 L	49/00
U.S. Class 358		
Pictorial communication, television		
(IPC H 04 N)		
1, 2	H 04 N	11/00
3	H 04 N	15/00
10	H 04 N	17/02
11	H 04 N	11/20
12	H 04 N	11/06
13	H 04 N	11/04
14	H 04 N	11/18
15	H 04 N	11/12
16	H 04 N	11/14
17	H 04 N	9/44
18	H 04 N	9/47
19, 20	H 04 N	9/45
		9/455
21	H 04 N	9/64
22	H 04 N	9/74
23–25	H 04 N	9/65
		9/66
26	H 04 N	9/70
27–29	H 04 N	9/64
30	H 04 N	9/67
		9/76
31	H 04 N	9/64
32	H 04 N	9/69
33	H 04 N	9/64
34	H 04 N	9/72
35–38	H 04 N	9/64
39	H 04 N	9/77
40	H 04 N	9/64
		9/77
41, 42	H 04 N	9/04
43–46	H 04 N	9/07
		9/077
47	H 04 N	9/083
48, 49	H 04 N	9/07
		9/077
50	H 04 N	9/09
		9/097
51	H 04 N	9/093
52	H 04 N	9/09
		9/097
53	H 04 N	9/10
54	H 04 N	9/11
55	H 04 N	9/04
		9/07
		9/09
56–58	H 04 N	9/12
59	H 04 N	9/30
60–62	H 04 N	9/31
63	H 04 N	9/14
64	H 04 N	9/16
		9/18
65	H 04 N	9/20
66	H 04 N	9/22
67–70	H 04 N	9/24
71	H 04 N	9/26
72, 73	H 04 N	9/27
74	H 04 N	9/16
75	H 04 N	1/46
76	G 03 F	3/10
77, 78	H 04 N	1/46
79, 80	G 03 F	3/08
81	H 04 N	1/46
82	H 04 N	9/02
		9/029
83	H 04 N	7/00
84	H 04 N	7/00
		7/10
85	H 04 N	7/14
86	H 04 N	1/00
		7/10
87	H 04 N	7/00
88, 89	H 04 N	13/00
90	H 04 N	13/00
91	H 04 N	13/00
92	H 04 N	13/00
		13/02
93	H 04 N	7/18
94–96	H 04 N	7/00
97–100	H 04 N	7/18
101	H 04 N	7/00
102	H 04 N	7/18
103	H 04 N	7/00
104	G 09 C	9/00
	H 04 N	7/18
105–109	H 04 N	7/18
110	H 04 N	5/30
		5/335
111	H 04 N	5/32
112	H 04 N	5/31
113	H 04 N	5/33
114	H 04 K	1/00
	H 04 N	7/16
115	H 04 N	1/34
		7/16
116	H 04 N	7/16
117	H 04 N	7/173
118	H 04 K	1/02
	H 04 N	7/167
119–124	H 04 N	7/167
133–136	H 04 N	7/12
137	H 04 N	3/32
		7/12
138	H 04 N	7/12
139	H 04 N	17/00
140	H 04 N	7/01
141	H 04 N	7/04
142	H 04 N	7/08
143–145	H 04 N	7/04
146, 147	H 04 N	7/04
148	H 04 N	5/04
149	H 04 N	5/04
150	H 04 N	5/06
151	H 04 N	5/067
152	H 04 N	5/04
153	H 04 N	5/08
154	H 04 N	5/10
155–157	H 04 N	5/08
158, 159	H 03 L	7/00
	H 04 N	5/04
160	H 04 N	5/14
161	H 04 N	5/58
162	H 04 N	5/208
163	H 04 N	5/14
		5/228
164	H 04 N	5/202
165	H 04 N	3/24
166	H 04 N	5/14
		5/208
167	H 04 N	5/213
168	H 04 N	5/235
		5/57
169	H 04 N	5/57
170	H 04 N	5/14
171	H 04 N	5/16
172	H 04 N	5/18
173	H 04 N	5/16
174–177	H 04 N	5/52
178	H 04 N	5/53
179	H 04 N	5/52
180	H 04 N	3/223
181	H 04 N	5/268
182	H 04 N	5/262
183	H 04 N	5/262
		5/272
184	H 04 N	5/14
		5/228
185	H 04 N	5/222
186	H 04 N	5/38
		5/40
187	H 04 N	5/38
188	H 04 N	5/44
189	H 04 N	5/46
190	H 04 N	5/63
191.1–193.1	H 04 N	5/50
194.1	H 04 N	5/44
195.1	H 04 N	5/50
196	H 04 N	5/00
197	H 04 N	5/62
198	H 04 N	5/60
199, 200	H 04 N	3/02
201	G 02 F	1/33
202–204	H 04 N	3/04
205	H 04 N	3/06
206–208	H 04 N	3/08
209–211	H 04 N	5/30
212	H 04 N	3/12
213	H 04 N	3/14
		5/335
214	H 04 N	3/36
		5/253
215	H 04 N	3/40
		5/253
216	H 04 N	3/36
		5/253
217	H 04 N	3/30
218	H 04 N	5/228
219	H 04 N	5/235
220	H 04 N	5/30
221–223	H 04 N	5/228
224	H 04 N	5/30
225	G 02 B	13/16
	H 04 N	5/225
226	G 02 B	27/10
	H 04 N	5/225
227	H 04 N	5/232
228	H 04 N	5/238
229	H 04 N	5/30
230	H 04 N	5/66
231	H 04 N	5/74
232	G 02 F	1/01
	H 04 N	5/74
233, 234	H 04 N	5/74
235	G 02 F	1/11
	H 04 N	5/74
236–239	H 04 N	5/74
240	H 04 N	3/12
241	H 04 N	3/14
		5/70
242, 243	H 04 N	5/68
244	H 04 N	5/84
244.1	G 03 B	15/00
	H 04 N	5/84
244.2	G 03 B	41/02
	H 04 N	5/84
245–247	H 04 N	5/65
248	H 04 N	5/645
249	H 04 N	5/655
250–253	H 04 N	5/72
254, 255	H 04 N	5/64
256	H 04 N	1/00
257	H 04 N	1/32
258	H 04 N	1/20
259	H 04 N	1/06
		1/44
260	H 04 N	1/40
		1/417
261	H 04 N	1/419
262, 263	H 04 N	1/40
264–279	H 04 N	1/36
280–284	H 04 N	1/40
285–287	H 04 N	1/04
288	H 04 N	1/17
289, 290	H 04 N	1/06
291	H 04 N	1/08
292	H 04 N	1/04
293	H 04 N	1/10
294	H 04 N	1/024
		1/40
295	H 04 N	1/024
296–299	H 04 N	1/21
		1/23
300	H 04 N	1/23
		1/29
301	H 04 N	1/27
302–304	H 04 N	1/21
		1/22
		1/23
305	H 04 N	1/00
		7/00
310–313	H 04 N	9/79
314	H 04 N	9/88
315, 316	H 04 N	9/79
317	H 04 N	9/70
318	H 04 N	9/79
319	H 04 N	9/80
320–326	H 04 N	9/89
327–333	H 04 N	9/79
334	H 04 N	9/81
335	H 04 N	5/76
336	H 04 N	5/94
337–339	H 04 N	5/95
340, 341	H 04 N	5/91
342, 343	H 04 N	5/76
344	H 04 N	5/82
345–348	H 04 N	5/84
U.S. Class 360		
Dynamic magnetic information storage or retrieval		
(IPC G 11 B)		
1	G 11 B	5/00
2	G 11 B	25/04
3	G 03 B	31/00
	G 11 B	5/633
4–8	G 11 B	5/00
9.1–11.1	H 04 N	5/78
12	G 11 B	5/00
13	G 11 B	27/02
14.1–14.3	G 11 B	27/02
15–17	G 11 B	5/86
18–25	G 11 B	5/02
19.1	H 04 N	5/78
26	G 11 B	20/20
27–28	G 11 B	5/02
29	G 11 B	5/02
		20/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 360—Con.		
		20/08
30	G 11 B	20/06
31	G 11 B	27/36
32	G 11 B	5/00
		5/09
33.1–38.1	H 04 N	5/78
39	G 11 B	5/09
		20/10
40–44	G 11 B	5/09
		20/14
		20/16
		20/51
55, 57	G 11 B	5/02
58	G 11 B	5/027
59	G 11 B	5/02
60	G 11 B	15/04
		19/04
61–63	G 11 B	15/12
64	G 11 B	15/14
66	G 11 B	5/03
67, 68	G 11 B	5/02
69	G 11 B	15/18
		17/00
		19/02
70	G 11 B	21/04
71	G 11 B	15/18
		17/00
		19/02
72.1–72.3	G 11 B	15/18
		17/00
		19/02
73	G 11 B	15/46
		17/00
		19/28
74.1–74.7	G 11 B	15/48
75	G 11 B	21/02
76	G 11 B	5/00
		20/20
77	G 11 B	21/10
78	G 11 B	21/08
79	G 11 B	31/00
80	G 03 B	31/00
	G 11 B	31/00
81	G 11 B	5/52
		21/04
82	G 11 B	5/52
		15/70
		19/00
83–85	G 11 B	5/027
86	G 11 B	5/012
		5/52
		17/00
87	G 11 B	5/004
		5/52
		19/00
88	G 11 B	15/00
		17/00
		19/00
89–91	G 11 B	5/008
		15/00
92	G 11 B	15/68
93–95	G 11 B	5/008
		15/00
		17/00
96.1–96.6	G 11 B	5/008
		15/00
		17/00
97–98	G 11 B	5/012
99	G 11 B	5/016
100	G 11 B	5/004
		19/00
101	G 11 B	21/02
102, 103	G 11 B	5/60
		15/64
		17/32
		21/20
104	G 11 B	5/48
		21/16
105	G 11 B	5/54
		21/22
106	G 11 B	5/55
		21/08
107, 108	G 11 B	5/52
		21/04
		21/18
109	G 11 B	5/56
		21/24
110	G 11 B	5/127
111	G 11 B	5/335
112	G 11 B	5/37
113	G 11 B	5/127
		5/33
114	G 11 B	5/127
115	G 11 B	5/127
		5/33
116	G 11 B	5/127
117	G 11 B	5/12
117, 118	G 11 B	5/127
118	G 11 B	5/12
		5/325
119	G 11 B	5/23
120	G 11 B	5/235
121	G 11 B	5/265
		5/29
122	G 11 B	5/187
123, 124	G 11 B	5/17
125	G 11 B	5/127
126	G 11 B	5/147
127	G 11 B	5/133
128	G 11 B	5/10
		5/127
		5/41
129	G 11 B	5/10
		5/11
130.1–130.34	G 11 B	15/60
131	G 11 B	5/74
		23/00
132	G 11 B	23/02
133	G 11 B	23/03
134	G 11 B	5/78
135	G 11 B	5/82
136	G 11 B	5/76
137	G 11 B	

U.S. Class 361

Electricity, electrical systems and devices

(IPC H 01)

U.S. Subclass	IPC Subclass	IPC Notation
1–9	H 02 H	3/00
		7/00
10–14	H 01 H	9/30
		9/56
		73/18
15–17	H 01 G	1/10
		1/11
	H 02 H	7/16
18, 19	H 02 H	7/00
		9/00
20, 21	H 02 H	7/06
22	H 02 H	7/00
23–32	H 02 H	5/04
		7/08
33, 34	H 02 H	7/09
35, 36	H 02 H	7/04
37	H 02 H	5/04
		5/06
		7/04
38–41	H 02 H	7/04
42	H 02 H	3/00
		9/08
43	H 02 H	9/08
44–46	H 02 H	3/16
		3/26
		3/32
47–50	H 02 H	3/00
		9/08
51	H 02 H	3/00
		7/00
52–54	H 02 H	9/00
55	H 02 H	3/00
		7/00
		9/00
56–58	H 02 H	9/00
59	H 02 H	3/00
		5/00
60	H 02 H	3/26
		3/28
		3/32
		5/00
61	H 02 H	3/00
		5/00
62–66	H 02 H	3/00
		7/00
67–70	H 02 H	3/00
		7/26
71–75	H 02 H	3/00
		5/00
76, 77	H 02 H	3/26
		3/38
78–87	H 02 H	3/18
		3/26
		3/42
88, 89	H 02 H	3/14
		3/20
		3/24
		3/38
90	H 02 H	3/20
		3/24
91	H 02 H	3/20
		9/04
92	H 02 H	3/24
93–98	H 02 H	3/00
		7/00
		9/02
99	H 02 H	3/00
		5/04
		7/00
100–102	H 02 H	3/00
		7/00
		9/02
103–106	H 02 H	5/04
107, 108	H 02 H	7/00
109	H 02 H	11/00
110	H 02 H	1/04
111	H 02 H	3/22
112	H 02 H	7/20
113, 114	H 02 H	1/01
115, 116	H 01 H	73/00
117	H 02 H	1/00
		1/04
		3/22
		9/06
118, 119	H 01 C	7/12
		15/04
	H 02 H	1/00
		1/04
		3/22
		9/06
120–135	H 02 H	1/00
120	H 02 H	1/04
		3/22
		9/06
136	H 01 T	1/00
136, 137	H 01 T	4/00
		14/00
139	H 01 H	47/00
140	H 01 H	26/00
		47/00
141	H 01 H	47/00
142	H 01 H	47/00
		47/24
		47/26
		50/12
143, 144	H 01 H	47/00
145	H 01 F	13/00
	H 01 H	47/00
146	H 01 H	47/00
		47/28
147	H 01 H	47/00
148–151	H 01 F	13/00
	H 01 H	47/00
152	H 01 H	47/00
		47/28
		47/32
153	H 01 H	47/28
		47/32
154	H 01 H	9/00
		47/00
		47/32
		51/30
155, 156	H 01 H	47/00
		47/32
157	H 01 H	47/00
158	H 01 H	47/26
		50/12
159	H 01 H	47/00
		47/32
160	H 01 H	9/00
		47/00
		51/22
		51/30
161	H 01 H	47/26
		50/12
162	H 01 H	47/00
		47/26
		50/12
163	H 01 H	9/00
		47/00
		47/18
		47/26
		50/12
164	H 01 H	47/18
		47/26
		50/12
165	H 01 H	47/26
		47/32
		50/12
166	H 01 H	47/00
		47/14
167	H 01 H	47/00
		47/32
168.1	H 01 H	47/14
169.1	H 01 H	47/14
		47/28
170	H 01 H	47/00
		47/28
		47/32
171	H 01 H	47/00
172	H 01 H	47/00
		47/28
173–175	H 01 H	47/24
176	H 01 H	47/00
		47/24
177	H 01 H	47/24
178, 179	H 01 H	47/12
		47/28
180	H 01 H	47/12
		47/32
181	H 01 H	47/12
182	H 01 H	47/18
		47/20
		47/28
		51/32
183	H 01 H	47/20
184	H 01 H	47/00
		47/20
		51/30
185	H 01 H	47/28
		47/32
186	H 01 H	47/18
		47/32
187	H 01 H	47/28
		47/32
188	H 01 H	47/32
189	H 01 H	9/00
		47/00
190	H 01 H	47/00
		47/18
		47/32
191	H 01 H	47/00
192	H 01 H	9/00
		47/00
		47/18
193	H 01 H	47/00
		47/28
194	H 01 H	9/00
		47/00
195	H 01 H	9/00
		47/00
		47/18
		51/30
196–198	H 01 H	47/18
		47/32
199	H 01 H	47/00
		47/18
		47/28
		51/30
200	H 01 H	47/18
201	H 01 H	47/00
202	H 01 H	9/00
		47/00
		47/18
203	H 01 H	47/12
204	H 01 H	47/34
205	H 01 H	47/26
		50/12
206	H 01 H	9/00
		47/00
		47/04
207	H 01 G	
	H 01 H	
		47/00
		59/00
	H 02 B	
	H 02 H	
	H 05 F	
208	H 01 H	47/00
		47/04
		47/18
		51/22
209	H 01 H	47/00
		51/30
210	H 01 H	47/00
211	H 01 H	47/26
		50/12
212	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
		1/00
		1/04
		3/22
	H 05 F	
		3/00
213	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 B	
	H 05 F	
		3/00
214	H 05 F	3/00
215	H 01 G	1/08
	H 05 F	3/00
216	H 05 F	3/00
217	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 F	
		3/00
218	H 01 G	1/08
	H 05 F	3/00
219	H 05 F	3/00
220	H 01 G	
	H 01 H	
		47/00
	H 02 B	
	H 02 H	
	H 05 F	
		3/00
221–224	H 05 F	3/00
225	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 F	
		3/00
226	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 B	
	H 05 F	
227	H 05 B	
	H 05 F	3/00
228	H 05 B	
229	H 01 H	47/32
	H 05 B	
	H 05 F	3/00
230–235	H 01 T	23/00
231	H 01 G	
	H 01 H	
	H 02 B	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 361—Con.		
	H 02 H	
	H 05 B	
	H 05 F	
		3/00
232	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 F	
233	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 B	
	H 05 F	
		3/00
234	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 F	
235	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 B	
	H 05 F	
		3/00
236	H 01 H	47/00
		47/18
		47/26
		47/32
	H 02 P	
237–241	H 02 P	
242	H 01 H	47/32
	H 02 P	
243	H 01 H	47/00
	H 02 P	
244–246	H 02 P	
247	F 23 Q	3/00
		5/00
		7/00
	G 01 V	1/06
248–252	F 23 Q	7/00
248	F 23 Q	21/00
	G 01 V	1/06
	H 05 B	43/02
253, 254	F 23 Q	3/00
255	F 23 Q	5/00
256–260	F 23 Q	3/00
261	F 23 Q	5/00
262	F 23 Q	3/01
		5/00
263	F 23 Q	3/00
264–266	F 23 Q	7/00
267	H 01 F	13/00
	H 01 H	47/00
268–270	H 01 H	9/28
268	H 01 H	27/00
		47/00
		63/00
271	H 01 G	
272	H 01 G	1/06
		1/10
		1/16
		4/34
		5/36
273	H 01 G	1/017
		4/24
274	H 01 G	1/08
		1/11
		5/34
275	H 01 G	1/11
		1/13
		1/16
276	H 01 G	1/08
277	H 01 G	5/00
		7/00
278	H 01 G	5/01
279	H 01 G	5/02
280	H 01 G	7/00
281	H 01 G	7/00
		7/06
282	H 01 G	7/00
		7/04
283	H 01 G	7/00
284	H 01 G	5/28
285	H 01 G	5/20
286	H 01 G	5/20
		5/28
287	H 01 G	5/00
288	H 01 G	5/01
289	H 01 G	5/00
290	H 01 G	5/16
291	H 01 G	5/18
292	H 01 G	5/04
293	H 01 G	5/06
294, 295	H 01 G	5/12
		5/14
296	H 01 G	5/14
297	H 01 G	5/10
		5/12
		5/18
298	H 01 G	5/06
299	H 01 G	5/06
		5/38
300	H 01 G	5/36
301	H 01 G	4/00
302	H 01 G	4/42
303	H 01 G	1/005
		1/01
		1/013
304	H 01 G	1/015
305	H 01 G	1/01
306	H 01 G	1/14
307	H 01 G	1/14
		1/53
308	H 01 G	1/13
		1/147
309	H 01 G	1/14
310	H 01 G	1/14
		1/47
311	H 01 G	4/06
312	H 01 G	4/20
313	H 01 G	4/06
		4/20
314–319	H 01 G	4/22
320	H 01 G	4/20
321	H 01 G	4/10
		4/12
322	H 01 G	4/10
323	H 01 G	4/08
324	H 01 G	4/16
		4/18
325	H 01 G	4/08
326	H 01 G	4/02
327	H 01 G	4/04
328–330	H 01 G	4/38
331, 332	H 02 B	
333	H 02 B	5/00
334	H 02 B	1/08
335	H 02 B	5/00
		7/00
336, 337	H 02 B	9/00
		11/00
338, 339	H 02 B	11/12
340	H 02 B	1/04
341	H 02 B	1/20
342	H 02 B	13/04
343, 344	H 02 B	5/00
343	H 02 B	7/00
		9/00
345	H 02 B	1/14
346	H 02 B	1/02
347, 348	H 02 B	1/04
		1/18
349	H 02 B	1/18
350, 351	H 02 B	1/04
352	H 02 B	1/02
353, 354	H 02 B	1/04
355	H 02 B	1/20
356	H 02 B	1/08
357	H 02 B	1/04
		1/08
		1/18
358	H 02 B	1/02
		1/08
359	H 02 B	1/08
360	H 02 B	1/04
		1/08
		1/18
361	H 02 B	1/20
362	H 02 B	1/08
363	H 02 B	1/20
364–375	H 02 B	9/00
376	H 02 B	1/04
377	H 02 B	1/10
		1/18
378	H 02 B	1/20
379–389	H 02 B	1/00
	H 05 K	7/20
390	H 05 K	5/00
		5/03
391	H 05 K	7/16
392, 393	H 05 K	7/00
394	H 05 K	5/00
		5/04
		5/06
395	H 05 K	1/14
396	H 05 K	7/00
397, 398	H 05 K	1/00
397	H 05 K	1/18
		7/02
		7/06
		7/08
399	H 05 K	5/00
		5/04
		5/06
400	H 05 K	7/02
		7/06
		7/08
		7/10
401	H 05 K	1/18
402	H 05 K	1/16
403	H 05 K	7/10
		7/12
404–408	H 01 R	9/00
409	H 05 K	7/02
		7/06
		7/08
		7/10
410	H 05 K	1/18
411	H 05 K	7/02
		7/06
		7/08
		7/10
412	H 05 K	1/11
		1/14
413	H 01 R	23/68
414	H 05 K	1/11
		1/14
415	H 05 K	7/14
		7/18
416	G 11 C	11/00
417	H 05 K	7/02
		7/04
418	H 05 K	7/10
		7/12
419, 420	H 05 K	7/02
		7/04
421	H 05 K	5/02
422	H 05 K	7/00
423	H 01 J	7/04
424	H 05 K	9/00
425	H 01 R	9/00
	H 02 B	1/04
426	H 01 R	9/00
427	H 02 B	1/02
428	H 02 B	1/20
429	H 02 B	1/02
430	H 01 H	85/20
	H 02 B	1/18
431	H 01 H	85/04
432	H 01 H	85/14
	H 02 B	1/18
		1/18
433, 434	H 01 G	9/00
435	H 01 G	9/18
436	H 01 G	9/16
437	H 01 G	
	H 01 H	
	H 02 B	
	H 02 H	
	H 05 F	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 362		
Illumination		
(IPC F 21 V)		
1	F 21 V	7/00
	H 05 B	35/00
2	F 21 V	9/02
3–18	G 03 B	15/02
19	F 21 V	9/14
20	F 21 V	19/04
21, 22	F 21 V	25/00
23	G 01 D	11/28
24	H 04 M	1/22
25	F 01 P	11/16
26–30	G 01 D	11/28
31, 32	F 21 V	7/04
33	A 61 G	13/00
	F 21 V	13/00
34	F 21 K	2/00
35	F 21 V	21/30
36–38	B 60 Q	1/12
39, 40	B 60 Q	1/06
		1/12
41	B 60 Q	1/24
42	B 60 Q	1/00
		1/12
43–60	B 60 Q	1/12
61	B 60 Q	1/00
		3/00
62	B 64 D	47/02
	B 64 F	1/20
	F 21 V	
63	B 64 D	47/02
64	B 60 Q	1/00
		11/00
65	B 60 Q	1/06
		11/00
66	B 60 Q	1/06
	F 21 V	3/18
67–70	B 60 Q	1/08
71	B 60 Q	1/10
		11/00
72	B 62 J	6/00
	F 21 V	33/00
73	B 60 Q	1/00
		3/00
		11/00
74	B 60 Q	1/00
		3/00
		3/02
		11/00
75	B 60 Q	1/00
		3/00
		3/02
		11/00
	F 21 V	33/00
76	B 60 Q	1/00
		1/24
		1/26
77	B 60 Q	1/00
		3/00
		3/04
		11/00
78	B 60 Q	1/00
		1/26
79	B 60 Q	1/00
	F 21 V	33/00
80	B 60 Q	1/00
		1/26
		11/00
81	B 60 Q	1/24
		1/32
82	B 60 Q	1/00
		1/32
		3/00
		11/00
83	B 60 Q	1/00
		1/26
		1/32
		3/00
		11/00
84	F 21 V	9/16
85	F 21 V	33/00
86	H 04 M	1/22
87	G 11 B	33/06
88	H 04 M	1/22
89	F 21 V	33/00
90	G 05 B	79/00
91	A 47 L	9/30
92–94	F 21 V	33/00
	F 25 D	27/00
	F 27 D	21/02
95, 96	F 21 V	33/00
97	G 09 F	13/04
98	A 47 B	19/00
99	F 21 V	33/00
100	E 05 B	17/10
101	F 21 V	33/00
102	A 45 B	3/02
	A 63 B	15/02
103, 104	F 21 L	15/08
105–108	F 21 L	15/14
109	F 21 V	33/00
110–114	F 41 G	1/34
115	B 26 B	19/46
		21/46
116, 117	F 21 V	33/00
118	B 43 K	29/10
119, 120	B 25 K	23/18
121–124	F 21 P	1/02
125	A 47 F	11/10
126	F 25 D	27/00
	F 27 D	21/02
127–134	A 47 B	23/06
		97/00
	F 21 V	33/00
135–144	F 21 V	33/00
145–153	F 21 S	1/02
		1/14
		3/02
154, 155	F 21 V	33/00
156	A 45 C	15/06
157	F 21 L	
158	F 21 L	7/00
		9/00
		11/00
	F 21 V	25/00
		31/00
159	F 21 L	19/00
	F 21 S	17/00
		17/02
160	F 21 L	7/00
	F 21 M	
	F 21 V	
161	F 21 L	19/00
	F 21 V	35/00
162	F 21 L	19/00
	F 21 V	
163	F 21 L	19/00
	F 21 V	35/00
164	F 21 L	23/00
	F 21 V	25/12
165	F 21 L	23/00
	F 21 V	25/12
166	F 21 L	19/00
	F 21 Q	3/00
	F 21 V	
167	F 21 V	9/10
		11/00
168	F 21 L	19/00
	F 21 Q	
169	F 21 L	19/00
	F 21 Q	
	F 21 V	5/00
170	F 21 L	19/00
	F 21 Q	
	F 21 V	5/00
171–173	F 21 L	19/00
	F 21 S	17/00
174–177	F 21 L	19/02
	F 21 S	17/02
178–177	F 21 L	19/00
179	F 21 H	
	F 21 K	36/00
	F 21 L	19/00
		25/00
180	F 21 L	19/00
		25/00
	F 21 S	13/00
	F 21 V	17/00
181	F 21 V	19/00
182	F 21 V	15/00

U.S. Class 362—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		17/00
		21/00
183	F 21 L	7/00
		9/00
		11/00
		13/00
184	F 21 L	7/00
		9/00
		11/00
	F 21 V	33/00
185, 186	F 21 L	7/00
		9/00
		11/00
187, 188	F 21 L	7/00
		9/00
		11/00
		51/02
189	F 21 L	7/00
		9/00
		11/00
		15/00
190	F 21 L	7/00
		9/00
		11/00
191	F 21 L	7/00
		9/00
		11/00
	H 04 M	1/22
192	B 60 Q	1/00
		1/26
	B 62 J	5/06
	F 21 L	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
193	B 62 J	5/08
194, 195	F 21 L	7/00
		9/00
		11/00
196	F 21 L	7/00
		9/00
		11/00
197	F 21 L	7/00
		9/00
		11/00
198	F 21 L	7/00
		9/00
		11/00
		25/00
199–206	F 21 L	7/00
		9/00
		11/00
207, 208	F 21 L	7/00
		9/00
		11/00
		15/00
209	F 21 S	13/00
210	F 21 M	1/00
211, 212	F 21 M	3/30
213	F 21 M	3/18
		3/20
		3/22
214	F 21 M	3/14
215	F 21 M	3/08
216	F 21 S	5/00
217	F 21 S	3/00
218	F 21 S	2/00
	F 21 V	29/00
219	F 21 S	3/00
220	F 21 S	3/00
	F 21 V	19/02
221, 222	F 21 S	3/00
	F 21 V	23/02
222, 233	F 21 M	
223–225	F 21 S	3/00
226	H 01 R	33/00
227	F 21 M	
	F 21 S	
228, 229	F 21 M	15/00
	F 21 S	19/00
230, 231	F 21 V	9/00
232, 233	F 21 S	
234	F 21 V	33/00
235–241	F 21 V	1/00
		11/00
242, 243	F 21 V	13/00
244–246	F 21 V	5/00
247	F 21 V	7/00
248	F 21 V	1/00
249	F 21 V	21/00
250	F 21 V	21/14
		21/32
251	F 21 V	23/04
252	F 21 P	1/00
253	F 21 V	33/00
254	F 21 V	19/04
255, 256	F 21 M	3/14
257	F 21 M	
	F 21 S	
258	F 21 V	27/00
259–266	F 21 K	
267	F 21 V	29/00
268	F 21 V	
269–274	F 21 V	21/26
275	F 21 V	21/28
		21/29
276–292	F 21 V	
293	F 21 V	9/00
294	F 21 V	29/00
295	F 21 V	23/00
296–310	F 21 V	7/00
311	F 21 V	3/00
		5/00
312, 313	F 21 L	19/00
	F 21 V	3/00
314	F 21 L	19/00
	F 21 V	3/00
		21/00
315, 316	F 21 V	3/00
		19/00
317	F 21 V	
318	F 21 V	5/00
		9/12
319–325	F 21 V	17/02
326–334	F 21 V	5/00
335	F 21 V	5/04
336–338	F 21 V	5/00
339, 340	F 21 V	5/02
341, 342	F 21 V	7/00
343	F 21 V	13/02
344	F 21 V	7/00
345	F 21 V	7/20
346–350	F 21 V	7/00
351	F 21 V	11/00
352	F 21 V	1/06
		11/00
353	F 21 V	11/00
354	F 21 V	11/02
		11/06
355, 356	F 21 V	11/00
357	F 21 V	1/16
		11/00
358	F 21 V	1/04
		11/00
359	F 21 V	11/00
360	F 21 V	1/12
		11/00
361	F 21 V	11/00
362	A 47 G	33/16
	B 60 Q	3/04
	F 21 M	
	F 21 P	1/02
363	F 21 S	1/10
		3/10
		13/10
	F 21 V	3/00
364, 365	F 21 S	1/06
		3/06
364, 375	F 21 V	17/00
366	F 21 S	1/06
		3/06
	F 21 V	17/00
367	F 21 L	7/00
		15/00
	F 21 S	1/10
		3/10
		13/10
368	B 60 Q	1/00
		3/00
	F 21 S	1/06
		3/06
	F 21 V	11/00
369	B 60 Q	1/00
		3/00
		11/00
	F 21 V	15/04
370	B 60 Q	1/00
		3/00
	F 21 S	1/06
		3/06
	F 21 V	11/00
371	B 60 Q	1/06
	F 21 M	3/18
	F 21 P	5/00
	F 21 V	21/00
372	F 21 V	19/02
373	B 60 Q	1/06
	F 21 M	3/18
	F 21 V	29/00
376	F 21 V	15/00
		21/00
377	F 21 V	15/00
378	F 21 V	15/00
		21/00
379	F 21 V	11/00
380	F 21 V	25/12
381	F 21 M	13/00
	F 21 S	17/00
382	F 21 S	
	F 21 V	19/00
		21/00
383	F 21 S	
	F 21 V	
384	B 60 Q	1/12
	F 21 S	
	F 21 V	
385	B 60 Q	1/06
	F 21 S	
	F 21 V	
386	B 60 Q	1/06
	F 21 M	3/18
	F 21 S	
	F 21 V	
387	F 21 S	1/12
		3/10
	F 21 V	21/00
388	F 21 V	21/00
389	F 21 V	21/06
390	F 21 V	15/04
391	F 21 V	21/00
		21/36
392	F 21 P	1/02
	F 21 V	35/00
393	F 21 V	21/14
		35/00
394	F 21 V	23/04
395	F 21 S	1/12
		3/10
	F 21 V	23/04
396	F 21 V	21/00
		21/08
397	F 21 L	15/16
	F 21 V	21/00
		21/08
398	F 21 L	15/18
	F 21 V	21/00
		21/08
399, 400	F 21 L	15/12
401	F 21 V	21/20
402	F 21 V	21/18
403	F 21 V	21/36
404	F 21 S	1/04
		1/06
		3/04
		3/06
405, 406	F 21 S	1/06
		3/06
407	F 21 V	21/16
408	F 21 S	1/04
		1/06
		3/04
		3/06
409	F 21 V	36/00
		37/00
410	F 21 S	1/12
		3/12
411	F 21 S	1/12
		3/10
412–414	F 21 S	1/12
		3/12
415	F 21 S	1/12
		3/12
	F 21 V	36/00
		37/00
416	F 21 V	21/14
417	F 21 V	17/00
		19/00
418	F 21 S	1/02
		3/02
	F 21 V	19/02
419	F 21 M	3/18
	F 21 S	1/02
		3/02
420	B 60 Q	1/06
	F 21 M	3/18
421–427	F 21 M	3/18
	F 21 S	1/02
		3/02
428	B 60 Q	1/06
429	F 21 V	21/10
430	F 21 S	1/02
		3/02
431	F 21 S	1/10
		3/10
		13/10
432	F 21 S	1/02
		3/02
		13/02
433–438	F 21 V	17/06
439	F 21 S	1/02
		1/12
		3/02
		3/12
	F 21 V	21/10
440–442	F 21 V	17/00
443	F 21 V	17/06
444	F 21 V	17/04
445, 446	F 21 V	17/00
447	F 21 V	17/04
		35/00
448	F 21 V	17/00
449	F 21 V	17/02
450–456	F 21 V	17/00
457	F 21 S	13/02
		13/12
		17/00
458	F 21 S	
	F 21 V	

U.S. Class 363

Electric power conversion systems

(IPC H 02 M)

U.S. Subclass	IPC Subclass	IPC Notation
1–12	H 02 M	
13	H 02 M	7/00
14	H 02 M	
15	H 02 J	1/00
	H 02 M	3/00
		3/22
16–26	H 02 M	3/335
27, 28	H 02 M	3/315
29–31	H 02 M	3/28
		3/31
		3/33
32	H 02 M	3/34
33	H 02 M	3/42
34	H 02 J	3/00
	H 02 M	5/40
35	H 02 J	3/36
36	H 02 M	
37	H 02 M	5/438
		5/45
38	H 02 M	5/447
		5/456
39	H 02 J	1/02
	H 02 M	1/12
		1/14
40–48	H 02 M	1/12
		1/14
49	H 02 M	
50	H 02 H	7/10
51	H 02 H	7/00
52–54	H 02 H	7/125
55–58	H 02 H	7/122
59, 60	H 02 M	3/18
		7/00
		7/19
		7/25
61	H 02 M	3/18
		7/02
		7/19
		7/25
62	H 02 M	3/06
63	H 02 M	7/02
64	H 02 M	7/00
65–72	H 02 M	
73	H 02 M	7/00
74, 75	H 02 M	
76, 77	H 02 M	3/24
		5/42
		7/04
		7/68
78–83	H 02 M	
84–94	H 02 M	5/42
		5/42
		7/04
		7/68
95–99	H 02 M	3/24
		5/42
		7/44
		7/68
100	H 02 P	13/00
101	H 02 M	7/00
102–105	H 02 M	1/20
		7/30
		7/40
		7/54
		7/64
		7/86
		7/98
	H 02 P	11/00
106	H 02 M	7/32
		7/58
107	H 02 M	7/34
		7/60
108	H 02 M	7/34
109	H 02 M	7/60
110	H 02 M	7/36
		7/62
111	H 02 M	7/06
		7/12
112	H 02 M	7/26
113	H 02 M	7/04
114	H 02 M	7/06
		7/12
115–120	H 02 M	7/46
		7/48
		7/70
		7/72
121, 122	H 02 M	1/02
123–125	H 02 M	7/00
126	H 02 M	7/06
127	H 02 M	7/217
128–130	H 02 M	7/155
131	H 02 M	7/537
132	H 02 M	7/538
133, 134	H 02 M	7/538
135	H 02 M	7/515
136, 137	H 02 M	7/521
138	H 02 M	1/06
		7/521
139	H 02 M	7/519
140	H 02 M	7/44
		7/68
141	H 02 M	
142	H 02 M	1/10
143	H 02 M	7/04
144–147	H 02 M	1/00
148, 149	H 02 M	5/00
150	H 02 M	5/32
151	H 02 M	5/20
		5/22

U.S. Class 363—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		5/253
152	H 02 M	5/06
153	H 02 M	5/10
		5/14
154	H 02 M	5/06
155	H 02 M	5/10
156	H 02 M	5/06
157	H 02 M	5/00
158	H 02 M	1/00
159	H 02 M	5/20
		5/22
		5/25
160–162	H 02 M	5/257
163	H 02 M	5/275
		5/293
164, 165	H 02 M	5/00
	H 02 P	11/00
166	H 02 M	5/20
		5/22
		5/275
167, 168	H 02 M	5/22
		5/29
169	H 02 M	5/253
170	H 02 M	5/06
171, 172	H 02 M	5/16
173	H 02 M	5/06
174–176	H 02 M	5/32
177	H 02 M	5/34
178	H 02 M	

U.S. Class 364

Electrical computers and data processing systems

(IPC G 06 F)

U.S. Subclass	IPC Subclass	IPC Notation
130	G 05 B	
131–136	G 05 B	15/08
		19/18
137	G 05 B	11/01
138, 139	G 05 B	15/02
		19/18
140–147	G 05 B	11/01
148	G 05 B	13/02
149–151	G 05 B	13/04
152–166	G 05 B	13/02
167–171	G 05 B	19/18
172–175	G 05 B	11/32
176, 177	G 05 B	11/01
178, 179	G 05 B	21/02
180–182	G 05 B	
183	G 05 B	11/01
184–187	G 05 B	9/02
188–190	G 05 B	
191–194	G 05 B	19/42
200	G 06 F	1/00
		3/00
		7/00
		7/02
		7/06
		7/22
		9/00
		13/00
		15/00
300	G 06 F	7/00
		9/00
		15/00
400	G 06 F	15/20
	G 06 G	7/48
401	G 06 F	15/22
		15/24
	G 06 G	7/52
402	G 06 F	15/20
	G 06 G	7/48
403	G 06 F	15/226
		15/246
	G 06 G	7/486
404	G 07 G	1/12
405	G 07 G	1/12
406, 407	G 07 G	7/48
		15/20
408	G 06 F	15/20
	G 06 G	7/52
409	G 06 F	15/20
	G 06 G	7/48
410–412	G 06 F	15/28
		15/44
	G 06 G	7/48
413–418	G 06 F	15/42
	G 06 G	7/60
419	G 06 F	15/38
	G 06 G	7/60
420	G 01 V	1/00
	G 01 W	1/10
	G 06 F	15/54
	G 06 G	7/48
421	G 01 V	1/00
	G 01 W	
	G 06 F	15/58
	G 06 G	7/48
422	G 01 V	1/00
	G 06 F	15/48
		15/50
	G 06 G	7/00
		7/76
423–426	G 06 F	15/14
		15/50
	G 06 G	7/00
		7/76
424.1	G 06 F	15/50
	G 06 G	7/70
427–430	G 06 F	15/48
		15/50
	G 06 G	7/70
		7/76
431.01–431.12	G 06 F	7/76
		15/48
		15/50
	G 06 G	7/70
432–435	G 06 F	15/48
		15/50
	G 06 G	7/70
		7/76
436–438	G 06 F	15/48
		15/50
	G 06 G	7/70
		7/76
	G 08 G	1/00
439–442	G 06 F	15/48
		15/50
	G 06 G	7/70
		7/76
	G 08 G	5/00
443–459	G 01 C	21/00
	G 01 S	
	G 06 G	7/78
460	G 01 C	15/20
	G 01 S	
	G 06 G	7/78
461	G 06 F	15/20
	G 06 G	7/78
	G 08 G	7/02
		9/02
462	G 06 F	15/20
	G 06 G	7/78
463–467	G 06 F	15/20
	G 06 G	7/48
468–477	G 06 F	15/46
	G 06 G	7/64
		7/66
478, 479	G 06 F	15/20
	G 06 G	7/48
480	G 06 F	15/20
	G 06 G	7/62
481	G 01 R	
	G 06 F	15/20
	G 06 G	7/62
482	G 01 R	27/00
483	G 01 R	19/00
		21/00
484, 485	G 01 R	23/00
486	G 01 R	29/02
487	G 01 R	23/16
		27/02
	G 06 F	15/31
	G 06 G	7/36
488–491	G 06 F	15/606
	H 03	
492–495	H 02 J	
496	G 01 N	
	G 06 F	15/46
	G 06 G	7/58
497	G 01 N	31/00
	G 06 F	15/46
	G 06 G	7/58
498–503	G 01 T	
	G 06 F	15/46
	G 06 G	7/58
505	G 01	
	G 06 F	15/20
	G 06 G	7/68
506, 507	G 06 F	15/20
	G 06 G	7/68
508	G 01 H	
	G 01 M	7/00
509, 510	G 01 F	
	G 01 L	
	G 06 G	7/57
511	G 01 L	5/00
512	F 01 G	1/00
	G 06 F	15/606
513	G 09 C	
	G 10 L	
	H 04	
513.5	G 01 L	1/06
	G 06 F	15/34
514	G 06 K	15/00
516, 517	G 01 S	13/00
		15/00
		17/00
	G 06 G	7/48
518	G 06 F	15/40
		15/626
	H 04	
519	B 41 B	
	B 41 J	
	G 06 F	15/40
		15/626
520	G 06 F	15/626
	G 06 K	
521, 522	G 06 F	15/626
	H 01 J	
523	B 41 B	
	G 03 B	
	G 03 G	
	G 06 F	15/626
524, 525	G 02 B	
526	G 01 J	
	G 02 F	
527	G 06 F	15/52
	G 06 G	7/54
550, 551	G 01	
552–554	G 06 F	15/20
	G 06 G	7/48
555	G 01 N	15/00
556	G 01	
557	G 01 K	
558	G 01 N	7/00
		9/00
559–563	G 01 B	
564	G 01 B	
	G 01 F	
565, 566	G 01 P	
567, 568	G 01 G	
569	G 04 F	
570	G 01	
571	G 01 C	25/00
	G 01 F	25/00
	G 01 K	19/00
	G 01 L	25/00
	G 01 P	21/00
	G 01 R	35/00
572	H 03 H	
573	G 06 G	7/12
574	H 03 F	1/266
	H 04 B	15/00
575	G 06 G	7/12
576	G 06 G	7/19
577	G 06 G	7/30
578	G 06 G	7/48
579	G 05 B	23/02
580	G 05 B	19/02
581, 582	G 06 G	7/12
600–608	G 06 J	
700	G 06 F	
701	G 06 F	7/38
		15/20
702	G 06 J	1/02
703	G 06 F	7/52
704	G 06 F	15/16
705	G 06 F	
706	G 06 F	15/02
		15/04
707, 708	G 06 F	1/00
712	G 06 F	7/48
713	G 06 F	7/56
714	G 06 F	7/48
715, 716	G 06 F	7/38
717–722	G 06 F	1/02
719–711	G 06 F	3/00
723–725	G 06 F	7/38
726	G 06 F	7/34
		15/35
727	G 06 F	7/28
		7/36
737–741	G 06 F	11/00
742	G 06 F	7/56
743	G 06 F	7/44
744–753	G 06 F	7/38
754–767	G 06 F	7/52
768	G 05 F	7/50
769	G 05 F	7/50
770, 771	G 05 F	7/50
772	G 05 F	7/50
773–775	G 05 F	7/50
776	G 06 F	7/50
777	G 06 F	7/42
778	G 05 F	7/50
779, 780	G 05 F	7/50
781	G 05 F	7/50
782, 783	G 05 F	7/50
784	G 05 F	7/50
785–788	G 05 F	7/50
800	G 06 G	7/00
801	G 06 G	7/48
802	G 06 G	7/62
803, 804	G 06 G	7/57
805	G 06 G	7/70
		7/72
		7/76
806	G 06 G	7/48
807	G 06 G	7/00
808	G 06 G	7/32
809	G 06 G	7/34
810	G 06 G	7/38
811, 812	G 06 G	7/12
813, 814	G 06 G	7/20
815–818	G 06 G	7/22
819–821	G 06 G	7/12
822	G 06 G	9/00
823, 824	G 06 G	7/12
825	G 06 G	7/02
826	G 06 G	7/02
		7/12
827	G 06 G	7/19
828–836	G 06 G	7/18
837	G 06 G	7/18
		9/00
838–840	G 06 G	7/18
841, 842	G 06 G	7/16
843	G 06 G	7/164
844	G 06 G	7/16
845	G 06 G	7/16
		9/00
846, 847	G 06 G	7/162
848–851	G 06 G	7/16
852	G 06 G	7/28
853	G 06 G	7/28
		7/30
854	G 06 G	7/28
855	G 06 G	7/26
		9/00
856	G 06 G	7/26
857	G 06 G	7/24
		7/26
858	G 06 G	7/22
		7/26
859	G 06 G	7/24
		7/26
860	G 06 G	7/26
861–863	G 06 G	7/00
864	G 06 G	7/12
900	G 06 F	1/00
		3/00
		7/00
		7/02
		7/06
		7/22
		9/00
		12/00
		13/00
		15/00
	G 11 O	1/00

U.S. Class 365

Static information storage and retrieval

(IPC G 11 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	G 11 C	19/08
2, 3	G 11 C	5/02
		19/08
4	G 11 C	5/02
		19/08
5	G 11 C	19/08
	H 03 K	19/00
6–8	G 11 C	19/08
9	G 11 C	11/18
		19/08
10	G 11 C	11/42
		13/04
		19/08
11, 12	G 11 C	11/42
		19/08
13–21	G 11 C	19/08
22	G 11 C	5/02
		19/08
23–44	G 11 C	19/08
45, 46	G 11 C	27/00
47	G 11 C	11/46
		27/00
48	G 11 C	27/00
49	G 11 C	15/00
50	G 11 C	15/02
51	G 11 C	5/02
52	G 11 C	
53	G 11 C	7/02
54, 55	G 11 C	
56	G 11 C	5/02
		11/00
57	G 11 C	7/02
58	G 11 C	11/00
59	G 11 C	5/00
60	G 11 C	11/00
61	G 11 C	5/00
62	G 11 C	11/00
63	G 11 C	5/06
64	G 11 C	5/06
		13/04
65	G 11 C	5/06
		11/42
66–70	G 11 C	5/08
71.72	G 11 C	5/06
73, 74	G 11 C	21/00
75	G 11 C	19/00
76	G 11 C	21/00
		21/02
77	G 11 C	21/00
78	G 11 C	19/00
80–86	G 11 C	19/00
87, 88	G 11 C	19/08
89	G 11 C	19/00
90–92	G 11 C	19/06
93	G 11 C	19/00
		21/02
94–96	G 11 C	17/00
97–99	G 11 C	17/02
100–104	G 11 C	17/00
105	G 11 C	17/06
106	G 11 C	13/00
107	G 11 C	13/02
108	G 11 C	13/04
109	G 11 C	11/22
		13/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 365—Con.		
110–112	G 11 C	13/04
113	G 11 C	13/00
114	G 11 C	11/34
115	G 11 C	11/36
116	G 11 C	13/00
117	G 11 C	11/22
118–112	G 11 C	13/00
121	G 11 C	13/04
122	G 11 C	13/06
123	G 11 C	11/21
		13/04
124, 125	G 11 C	13/04
126	G 11 C	11/46
127, 128	G 11 C	13/00
129–133	G 11 C	11/00
134, 135	G 11 C	11/04
136	G 11 C	11/12
137, 138	G 11 C	11/04
139	G 11 C	11/04
		11/08
		11/14
145	G 11 C	11/22
146–148	G 11 C	11/00
149, 150	G 11 C	11/24
151, 152	G 11 C	11/00
		13/00
153–159	G 11 C	11/00
160	G 11 C	11/44
161	G 11 C	11/14
		11/44
162	G 11 C	11/44
163	G 11 C	11/00
164, 165	G 11 C	11/50
166	G 11 C	11/50
		11/52
167	G 11 C	11/54
168	G 11 C	11/56
169	G 11 C	11/00
170	G 11 C	11/18
171, 172	G 11 C	11/14
173	G 11 C	11/15
174	G 11 C	11/34
175	G 11 C	11/36
176–188	G 11 C	11/34
189–198	G 11 C	7/00
199	G 11 C	7/00
		11/063
200, 201	G 11 C	7/00
		7/00
		29/00
202–205	G 11 C	7/00
206–210	G 11 C	7/02
211	G 11 C	7/04
212	G 11 C	7/04
		11/34
213	G 11 C	7/04
214	G 11 C	7/02
215, 216	G 11 C	7/00
		13/04
217–225	G 11 C	7/00
226–229	G 11 C	
230	G 11 C	8/00
231, 232	G 11 C	8/02
233	G 11 C	8/00
234, 235	G 11 C	8/00
		13/04
236–239	G 11 C	8/00
240	G 11 C	8/00
		19/00
241–243	G 11 C	8/00
244	G 11 C	
U.S. Class 366		
Agitating		
(IPC B 01 F)		
1, 2	B 2B C	5/00
1	E 01 C	19/10
3–5	B 2B C	5/06
6	B 2B C	5/46
		7/00
7	B 2B C	5/46
8	B 2B C	7/04
9	B 2B C	5/04
10–13	B 2B C	5/06
14, 15	B 2B C	5/00
16–21	B 2B C	7/04
22–25	B 2B C	5/46
26	B 2B C	5/00
27–29	B 2B C	7/00
30–41	B 2B C	7/04
30	B 2B C	7/14
42–52	B 2B C	7/16
53–63	B 2B C	5/18
64–67	B 2B C	5/08
68	B 2B C	7/16
69	A 21 C	1/00
	A 23 G	1/00
		1/10
	B 01 F	7/00
	B 2B C	1/16
		3/00
70	A 23 G	3/10
71–74	A 21 C	1/08
	B 01 F	7/12
		7/28
	B 2B C	3/00
75	A 21 C	1/10
	B 01 F	7/00
76	B 2B C	7/04
77	B 2B C	7/16
78	B 2B C	1/16
79–91	A 21 C	1/06
	B 01 F	7/08
		7/24
	B 2B C	1/16
		3/00
	B 29 B	7/00
92–96	B 2B C	1/16
		3/00
	B 29 B	7/00
97–100	A 21 C	1/00
	B 01 F	7/00
	B 2B C	1/16
		3/00
	B 29 B	7/00
101–107	B 01 F	13/02
108–126	B 01 F	11/00
127	B 01 F	11/02
128	B 01 F	11/00
129, 130	B 01 F	
131–137	B 01 F	15/02
138	B 01 F	15/00
139	B 01 F	13/06
140	B 01 F	15/00
141	B 01 F	15/04
142, 143	B 01 F	15/00
144–149	B 01 F	15/06
150	B 01 F	15/02
151–153	G 05 0	11/02
154–159	B 01 F	15/02
160–162	G 05 0	11/00
163–166	B 01 F	15/02
167–175	B 01 F	5/04
176	B 01 F	5/06
177–196	B 01 F	15/02
197–207	B 01 F	7/00
		13/00
208–219	B 01 F	11/00
220–236	B 01 F	9/00
237–243	B 01 F	11/00
244–254	B 01 F	7/00
255–261	B 01 F	11/00
262–270	B 01 F	5/12
271	B 01 F	13/00
272	B 01 F	7/00
273, 274	B 01 F	13/08
275–278	B 01 F	11/00
279–331	B 01 F	7/00
332–335	B 01 F	11/00
336–340	B 01 F	5/06
341–344	B 01 F	13/00
345–347	B 01 F	15/00
348, 349	B 01 F	13/00
		15/00
600	B 01 F	11/00
601	B 01 F	13/04
	G 05 D	13/00
602	A 61 C	5/06
603	A 23 N	17/00
604	A 45 D	27/06
605	B 01 F	3/00
606	B 2B C	5/42
607	B 01 F	7/00
U.S. Class 367		
Communication, electrical, acoustic wave systems and devices		
(IPC G 01)		
1	H 04 K	3/00
2–6	H 04 B	1/59
7	G 03 B	42/06
8–10	G 03 H	3/00
11	G 03 B	42/06
12, 13	H 04 B	17/00
14	G 01 V	1/00
15–24	G 01 V	1/38
25–80	G 01 V	1/00
81–85	H 04 H	9/00
86	G 01 V	1/00
87–98	G 01 S	9/66
99–116	G 01 S	9/68
117	G 01 S	1/72
118–130	G 01 S	3/80
131–134	H 04 B	11/00
135, 136	H 04 B	1/06
137–139	H 04 B	1/02
140–154	H 04 R	
155	H 04 R	17/00
156	H 04 R	15/00
157–167	H 04 R	17/00
168	H 04 R	15/00
169–179	H 04 R	
180	H 04 R	17/00
181	H 04 R	19/00
182–184	H 04 R	9/00
185–187	H 04 R	11/00
188–190	H 04 R	
191	H 04 B	11/00
197–199	G 10 K	11/00
U.S. Class 368		
Horology, time measuring systems or devices		
(IPC G 04 P)		
1–9	G 04 F	8/00
		10/00
10	G 04 B	47/00
11	G 04 B	47/06
12	G 04 B	47/00
13	G 04 B	47/02
14	G 04 B	47/06
15	G 04 B	19/26
		49/00
16–20	G 04 B	19/26
21–27	G 04 B	19/22
28.	G 04 B	19/24
29, 30	G 04 B	19/24
	G 04 C	17/00
31, 32	G 04 B	3/00
		19/24
		27/00
33	G 04 B	3/00
		19/24
34	G 04 B	19/24
		27/00
35, 36	G 04 B	19/20
		19/24
		27/00
37–40	G 04 B	19/20
		19/24
41	G 04 B	45/00
		47/00
42–45	G 04 B	45/00
46	G 04 C	11/00
		13/00
47	G 04 C	11/02
48	G 04 C	13/02
49–51	G 04 C	13/00
52–54	G 04 C	13/04
55	G 04 C	11/04
		13/04
56–58	G 04 C	13/04
59	G 04 C	13/08
60, 61	G 04 C	13/10
62	G 04 B	
	G 04 C	
63	G 04 B	21/08
	G 04 C	21/14
64	G 04 B	1/00
	G 04 C	3/00
65	G 04 B	1/26
66	G 04 B	9/00
	G 04 C	23/00
67, 68	G 04 B	19/30
69, 70	G 04 C	17/00
		19/00
		21/00
71	G 04 B	25/00
	G 04 C	23/00
72–74	G 04 B	23/02
	G 04 C	21/00
		23/00
75	G 04 B	21/02
	G 04 C	23/00
76	G 04 B	19/00
	G 04 C	21/00
77, 78	G 04 B	19/20
79	G 04 B	19/00
	G 04 C	19/00
80, 81	G 04 B	19/04
		19/06
82–87	G 04 C	19/00
88	G 04 B	37/00
	G 04 C	23/02
89	G 04 F	
90	G 04 F	1/00
		3/00
91	G 04 F	1/04
		3/00
92	G 04 F	3/00
93–95	G 04 F	1/04
96	G 04 F	3/00
97	G 04 F	1/00
		3/00
98–100	G 04 F	1/00
		3/00
101–106	G 04 F	7/00
107–123	G 04 F	8/00
		10/00
124	G 04 B	15/00
	G 04 C	5/00
125–138	G 04 B	15/00
139	G 04 B	1/00
140	G 04 B	1/10
141	G 04 B	1/20
		5/24
		9/02
142–144	G 04 B	1/10
145	G 04 B	3/00
		5/00
		27/00
146	G 04 B	25/02
147	G 04 B	23/00
		25/00
	G 04 C	21/00
148	G 04 B	25/02
		27/00
149	G 04 C	21/00
150	G 04 C	21/00
		21/14
151	G 04 B	25/00
152	G 04 B	25/20
153	G 04 B	23/08
154	G 04 B	23/00
155	G 04 C	15/00
	G 04 F	5/00
	G 06 F	1/04
156–159	G 04 F	5/00
	G 06 F	1/04
160–167	G 04 F	5/00
168, 169	G 04 B	17/00
170–174	G 04 B	17/20
175, 176	G 04 B	17/04
177, 178	G 04 B	17/04
		17/18
179	G 04 B	17/02
180	G 04 B	17/02
		17/10
181	G 04 B	17/16
182	G 04 B	17/16
		17/22
183	G 04 B	17/02
184	G 04 B	17/00
	G 04 C	5/00
185	G 04 B	17/12
		27/00
186	G 04 B	17/12
		17/30
187–189	G 04 C	9/00
190	G 04 B	27/02
191–195	G 04 B	27/04
196–199	G 04 B	27/02
200	G 04 B	17/12
		17/16
201	G 04 B	17/12
202	G 04 B	17/20
203–205	G 04 B	1/00
	G 04 C	3/00
206	G 04 B	3/00
		5/00
	G 04 C	1/00
207	G 04 B	5/00
208	G 04 B	5/02
209	G 04 B	5/24
	G 04 C	1/10
210–212	G 04 B	9/00
213	G 04 B	3/00
214	G 04 B	3/02
		3/04
		3/06
215, 216	G 04 B	3/00
217–219	G 04 C	3/00
		5/00
220–222	G 04 B	19/02
223	G 04 B	19/00
		25/00
	G 04 C	17/00
224, 225	G 04 B	19/00
226	G 04 B	19/32
227	G 04 B	19/30
228	G 04 B	19/04
		19/06
229	G 04 B	19/06
		25/06
230	G 04 B	19/06
		25/02
231	G 04 B	19/16
232–237	G 04 B	19/06
238	G 04 B	19/04
239	G 04 C	17/00
		19/00
240	G 04 C	17/02
		19/02
241, 242	G 04 C	17/00
243	G 04 B	21/00
		23/00
	G 04 C	21/00
244	G 04 B	23/02
		25/04
	G 04 C	21/16
245	G 04 B	23/02
	G 04 C	21/16
246	G 04 B	23/06
		23/10
	G 04 C	21/30
247	G 04 B	23/08
248	G 04 B	23/08
249	G 04 B	23/00
250	G 04 C	21/00
251	G 04 C	21/16
		23/14
252, 253	G 04 C	21/16
		23/18
252253	G 04 C	23/26
254–259	G 04 C	21/16
260–266	G 04 B	23/00
267, 275	G 04 B	21/00
276, 277	G 04 B	37/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 368—Con.		
278, 279	G 04 B	37/00
		37/12
280	G 04 B	37/00
281	A 44 C	5/00
	G 04 B	37/00
282–284	G 04 B	37/00
285	G 04 B	37/00
		47/04
286–292	G 04 B	37/00
293	G 04 B	37/00
		43/00
294–296	G 04 B	37/00
		39/00
297–299	G 04 B	37/00
300	G 04 B	29/00
		37/00
301–313	G 04 B	37/00
314	G 04 B	19/14
		37/00
315–317	G 04 B	37/00
318–321	G 04 B	29/00
322	G 04 B	29/00
		31/00
		35/00
323–326	G 04 B	29/00
327	G 04 C	/00
U.S. Class 369		
Dynamic information storage or retrieval		
(IPC G 11 B)		
1–6	H 04 B	1/20
7	H 04 H	9/00
8–12	H 04 B	1/20
13	G 11 B	11/00
14	G 11 B	13/00
15–18	G 11 B	11/00
19–23	G 11 B	31/00
24–28	G 11 B	19/00
		21/12
29	H 04 M	11/10
30–41	G 11 B	17/22
42	G 11 B	15/10
43–46	G 11 B	7/00
		21/10
45	G 11 B	5/09
		20/22
46, 47	G 11 B	5/09
		20/10
47–51	G 11 B	15/52
		27/22
48	G 11 B	5/09
		20/12
49–54	G 11 B	5/09
		20/10
52	G 11 B	15/06
53–58	G 11 B	3/90
		27/36
59–62	G 11 B	
	H 04 N	5/76
63–68	A 63 H	3/33
	G 11 B	31/00
	G 17 B	3/20
69, 70	G 11 B	31/00
71–74	G 11 B	3/58
75.1–82	G 11 B	33/02
83	G 11 B	27/00
84, 85	G 11 B	3/64
		7/28
86–92	G 11 B	3/74
93–98	G 11 B	3/74
		7/20
99	G 11 B	3/00
		7/00
		9/00
		11/00
		13/00
100	G 11 B	7/00
101	G 11 B	7/00
		9/10
102–125	G 11 B	7/00
126	G 11 B	9/00
127–173	G 11 B	3/00
174, 175	G 11 B	5/027
176, 177	G 11 B	3/00
178–212	G 11 B	17/04
		17/08
213, 214	G 11 B	19/00
215–230	G 11 B	17/30
		21/02
231, 232	G 11 B	19/22
233–243	G 11 B	17/00
		19/22
		19/24
244–257	G 11 B	17/00
		21/16
258–271	G 11 B	23/00
		25/00
272–291	G 11 B	3/70
		5/84
		7/26
292	G 11 B	5/02
		5/10
		23/20
U.S. Class 370		
Multiplex communications		
(IPC H 04 J)		
1	H 04 B	9/00
	H 04 J	15/00
2	H 04 B	9/00
	H 04 J	11/00
3	H 04 B	9/00
	H 04 J	1/00
4	H 04 B	9/00
	H 04 J	3/00
5	H 04 J	15/00
	H 04 L	5/20
6	H 04 J	1/12
		3/10
		15/00
7–10	H 04 J	15/00
11	H 04 J	9/00
	H 04 L	5/04
12	H 04 J	15/00
	H 04 L	5/12
13–17	H 04 J	1/16
		3/14
18	H 04 J	13/00
19–23	H 04 J	11/00
24	H 04 B	1/56
	H 04 J	15/00
	H 04 L	5/14
25, 26	H 04 J	5/00
	H 04 L	5/14
27	H 04 B	1/52
		1/58
	H 04 J	15/00
	H 04 L	5/14
28	H 04 J	15/00
	H 04 L	5/14
29	H 04 B	1/56
	H 04 J	3/00
	H 04 L	5/14
30	H 04 B	1/50
	H 04 J	1/00
	H 04 L	5/14
31	H 04 B	3/20
	H 04 L	5/16
32	H 04 J	15/00
	H 04 L	5/14
33–36	H 04 L	5/14
37	H 04 J	5/15
	H 04 L	5/00
38–40	G 08 C	15/00
41–44	H 04 L	5/22
45	H 04 L	5/26
46, 47	H 04 L	5/22
48, 49	H 04 L	5/24
50	H 04 J	4/00
51	H 04 J	3/20
		15/00
52	H 04 J	15/00
53, 54	H 04 Q	11/00
55	H 04 J	1/10
		3/08
	H 04 Q	11/00
56	H 04 Q	11/00
57	H 04 Q	11/02
58–68	H 04 Q	11/04
69.1	H 04 J	1/00
70–72	H 04 J	1/02
73	H 04 H	1/08
	H 04 J	1/02
74	H 04 J	1/02
75	H 04 J	1/10
76	H 04 J	1/14
77	H 04 J	3/00
78	H 04 J	3/02
		7/02
79	H 04 J	3/16
80, 81	H 04 J	3/17
82, 83	H 04 J	3/16
84	H 04 J	3/22
85	H 04 J	3/02
86–88	H 04 J	3/00
89, 90	H 04 J	3/16
91	H 04 J	3/00
92–94	H 04 J	3/24
95, 96	H 04 J	3/16
97	H 04 B	3/36
	H 04 J	3/00
98	H 04 J	3/12
99	H 04 J	3/00
100–108	H 04 J	3/06
109	H 04 J	3/00
110.1–110.4	H 04 J	3/12
111	H 04 J	3/12
112–115	H 04 J	3/04
116, 117	H 04 J	3/00
118, 119	H 04 J	15/00
120–124	H 04 J	1/00
U.S. Class 371		
Error detection or correction and fault detection or recovery		
(IPC H 03 M)		
1.	G 06 K	5/04
	G 11 B	5/43
1	G 06 K	5/04
	G 11 B	5/00
		20/20
2–5	G 06 F	11/00
6	H 03 M	13/00
7–14	G 06 F	11/00
15	G 01 R	31/28
	G 06 F	11/00
		11/02
		11/04
16–20	G 06 F	11/00
21	G 11 C	29/00
22	H 04 B	17/00
23	G 06 F	11/00
24–27	G 01 R	31/28
	G 06 F	11/00
28	G 01 R	31/30
	G 06 F	11/00
29	G 06 F	11/00
30	G 06 F	11/00
	G 08 C	25/00
	H 03 M	13/00
	H 04 L	1/00
31	G 06 F	11/00
	H 04 L	1/00
32	G 08 C	25/02
	H 04 L	1/18
33	H 04 L	1/18
34	H 04 L	1/14
35	H 03 M	13/00
	H 04 L	1/18
36	G 06 F	11/08
37	G 06 F	11/10
	H 03 M	13/00
38	G 06 F	11/10
	G 11 C	29/00
	H 03 M	13/00
39–42	H 03 M	13/00
43–46	G 06 F	11/10
	H 03 M	13/12
47	G 06 F	11/00
	H 04 L	11/00
48	G 06 F	11/00
	G 08 C	25/00
	H 03 M	13/00
	H 04 L	1/00
49, 50	G 06 F	11/10
	H 03 M	13/00
51	G 06 F	11/10
	H 03 M	13/00
52	H 03 M	13/02
		13/026
53, 54	G 06 F	11/10
	H 03 M	13/00
55, 56	G 06 F	11/00
	H 03 M	13/00
	H 04 L	1/00
57	G 06 F	11/00
	H 03 M	13/00
59	G 06 F	3/02
		11/00
	H 03 M	13/00
60	G 06 F	11/00
	H 03 M	13/00
61	G 11 B	27/00
	H 03 M	13/00
	H 04 L	7/00
62–64	G 06 F	11/00
	H 03 M	13/00
65	G 06 K	5/00
	H 03 M	13/00
66	G 06 F	11/00
	H 03 M	13/00
67	G 06 F	7/02
	H 04 L	1/00
68	G 06 F	7/34
	H 04 L	1/00
69, 70	H 04 L	1/08
71	G 06 F	11/10
72	G 06 F	11/00
	H 04 L	1/00
U.S. Class 372		
Coherent light generators		
(IPC H 01 S)		
1, 2	H 01 S	3/00
3	H 01 S	3/30
4–8	H 01 S	3/30
9	H 01 S	3/10
10	H 01 S	3/11
11	H 01 S	3/113
12	H 01 S	3/115
13	H 01 S	3/117
14	H 01 S	3/121
15	H 01 S	3/111
		3/123
16, 17	H 01 S	3/11
16	H 01 S	3/125
17	H 01 S	3/127
18, 19	H 01 S	3/098
20–28	H 01 S	3/10
29–32	H 01 S	3/13
33	H 01 S	3/00
34–36	H 01 S	3/04
		3/045
37, 38	H 01 S	3/00
39	H 01 S	3/14
40	H 01 S	3/17
41, 42	H 01 S	3/16
43	H 01 S	3/18
44–50	H 01 S	3/19
51–54	H 01 S	3/20
55–60	H 01 S	3/22
		3/223
61–65	H 01 S	3/03
66, 67	H 01 S	3/06
		3/07
68	H 01 S	3/14
69	H 01 S	3/09
70, 71	H 01 S	3/091
		3/092
72	H 01 S	3/093
73, 74	H 01 S	3/09
75	H 01 S	3/091
		3/094
76–80	H 01 S	3/091
81–88	H 01 S	3/097
89	H 01 S	3/095
90, 91	H 01 S	3/09
92	H 01 S	3/08
93	H 01 S	3/081
94	H 01 S	3/083
95, 96	H 01 S	3/08
97	H 01 S	3/082
98–108	H 01 S	3/08
109	H 01 S	3/00
U.S. Class 373		
H05b0001000-7		
(IPC H 05 B)		
8, 9	F 27 D	17/00
10–17	H 01 J	37/305
18–25	H 05 B	7/005
	H 05 H	1/005
26	H 05 B	7/165
27	C 03 B	5/025
28	C 03 B	37/09
29–32	C 03 B	5/027
33–34	C 03 B	3/00
35	C 03 B	5/26
36–38	C 03 B	5/027
39–41	C 03 B	5/027
42–55	H 05 B	3/60
56–59	F 27 D	17/00
60	H 05 B	7/18
61–66	H 05 B	7/22
67	H 05 B	7/07
68	F 27 B	14/04
69	H 05 B	7/102
70	H 05 B	7/144
71	F 27 D	1/004
72	F 27 D	1/004
73, 74	F 27 D	1/024
75	F 27 D	1/004
76	F 27 D	1/124
77	F 27 B	14/044
78	F 27 D	23/004
79	F 27 D	3/004
80	F 27 D	13/004
81, 82	F 27 D	3/004
83	F 27 D	3/144
84	F 27 B	14/024
	F 27 D	3/144
85, 86	F 27 D	23/044
87	F 27 D	23/024
88	H 05 B	7/064
89	H 05 B	7/094
90	H 05 B	7/084
91	H 05 B	7/064
		7/085
92	H 05 B	7/14
93	H 05 B	7/06
94	H 05 B	7/10
95, 96	H 05 B	7/12
97	H 05 B	7/107
98, 99	H 05 B	7/101
100	H 05 B	7/10
101	H 05 B	7/11
102	H 05 B	7/144
103	H 05 B	7/11
104, 105	H 05 B	7/148
106	H 05 B	7/15
107, 108	H 05 B	7/144
109	H 05 B	3/00
110–112	F 27 D	7/06
113	F 27 D	9/00
114	H 05 B	3/02
115, 116	F 27 D	3/00
117–119	H 05 B	3/62
120–126	H 05 B	3/60
127	H 05 B	3/48
128–130	H 05 B	3/66
131	H 05 B	3/03

U.S. Subcloss	IPC Subclass	IPC Notation
U.S. Class 373—Con.		
132, 133	H 05 B	3/14
134	H 05 B	3/62
135, 136	H 05 B	1/02
137	F 27 D	1/00
138	H 05 B	6/02
139	H 05 B	6/30
140, 141	F 27 D	7/06
142, 143	F 27 D	3/00
144	H 05 B	6/44
145	H 05 B	6/06
146	F 27 D	23/04
	H 05 B	6/34
147–150	H 05 B	6/06
151–158	H 05 B	6/22
159–165	H 05 B	6/16
166	H 05 B	
U.S. Class 374		
G01k0001000-3		
(IPC G 01 K)		
		19/00
4, 5	G 01 N	25/72
6–14	G 01 N	25/00
15	G 01 N	25/68
16–28	G 01 N	25/02
29–31	G 01 K	17/00
32	G 01 K	17/20
33, 34	G 01 K	17/00
35	G 01 K	17/02
36–38	G 01 N	25/22
39–41	G 01 K	17/06
42	G 01 N	25/60
43	G 01 N	25/20
44	G 01 N	25/18
45	G 01 N	25/00
46–48	G 01 N	3/00
49–51	G 01 N	3/18
52	G 01 N	3/20
53	G 01 N	3/26
		3/28
54	G 01 N	25/56
55, 56	G 01 N	25/16
57	G 01 N	3/60
		17/00
100	G 01 K	1/00
		13/12
101–116	G 01 K	3/00
117–119	G 01 K	11/22
120	G 01 K	1/16
121–133	G 01 J	5/00
134	G 01 K	1/16
135	G 01 K	1/16
		13/10
138	G 01 K	13/02
139	G 01 K	1/12
141–157	G 01 K	1/08
		1/14
		13/00
158	G 01 K	1/08
159–162	G 01 K	11/00
163–185	G 01 K	7/00
186	G 01 K	1/02
		5/70
187–207	G 01 K	5/00
		9/00
208	G 01 K	1/00
209	G 01 K	1/08
210	G 01 K	
U.S. Class 375		
Pulse or digital communications		
(IPC H 04 L)		
1	H 04 B	15/00
	H 04 K	1/00
	H 04 L	27/30
2	H 04 K	1/00
	H 04 L	9/00
2.1, 2.2	H 04 L	11/26 9/00
3	H 04 B	3/36
		7/17
		17/02
	H 04 L	25/20
		25/52
4	H 03 K	11/00
	H 04 L	25/60
		25/64
5	H 04 L	25/00
		27/00
6	H 04 B	13/02
7, 8	H 04 B	1/38
	H 04 L	5/16
9	H 04 B	1/38
	H 04 L	5/16
		27/10
		27/18
10	H 04 B	3/46
		17/00
	H 04 Q	1/20
11–16	H 03 H	7/30
		7/40
	H 03 K	5/159
17–19	H 04 L	25/34
		25/49
20	H 04 L	25/49
21	H 03 K	7/00
		9/00
		13/00
22	H 03 K	1/18
		7/08
		9/08
23	H 03 K	1/16
		7/04
		7/06
		9/04
		9/06
24	H 03 K	7/02
		9/02
25, 26	H 04 B	14/04
27–33	H 04 B	14/06
34	H 04 B	1/10
		14/04
35	H 04 L	27/00
36	H 04 B	3/00
	H 04 L	25/00
37	H 04 L	27/00
38	H 04 K	1/10
	H 04 L	27/28
39	H 04 L	5/12
		23/02
40	H 04 B	7/02
	H 04 L	1/02
41	H 03 C	5/00
	H 04 L	27/02
42	H 03 C	5/00
	H 03 D	5/00
	H 03 K	7/10
		9/10
43	H 03 C	1/52
	H 04 L	27/02
44	H 03 K	7/06
		9/06
	H 04 L	/00
45–51	H 04 L	27/10
52	H 04 L	27/10
		27/18
53–57	H 04 L	27/10
58	H 04 B	15/00
		27/10
59	H 04 L	27/04
		27/12
		27/20
60	H 03 K	1/02
	H 04 K	25/03
	H 04 L	25/49
61	H 03 C	1/52
	H 04 L	27/04
62–66	H 03 C	3/00
	H 03 K	7/06
	H 04 L	27/12
67	H 04 L	27/20
68–73	H 04 L	27/04
74	H 03 C	7/00
75	H 03 K	9/00
	H 04 L	27/06
		27/14
		27/22
76	H 04 L	25/06
		25/10
77	H 03 D	1/24
78	H 03 D	3/00
	H 03 K	9/06
79	H 03 D	3/00
	H 03 K	9/10
80	H 04 L	27/14
		27/16
		27/22
81	H 03 D	3/18
		3/24
82	H 03 D	3/18
83–87	H 03 D	3/22
	H 04 L	27/22
88–91	H 03 D	3/00
	H 04 L	27/14
92, 93	H 03 D	1/00
94–96	H 03 D	1/00
	H 04 L	27/06
97	H 04 L	27/06
98	H 04 L	27/08
99	H 03 D	1/04
		1/06
	H 03 K	5/01
		6/04
	H 04 B	1/10
	H 04 L	1/00
		25/08
100	H 04 B	7/10
	H 04 L	1/02
101	H 03 D	1/06
		11/04
	H 03 K	5/01
		6/04
101–105	H 04 B	1/10
101	H 04 L	1/00
		25/08
106–108	H 04 L	7/00
109	H 03 K	1/17
	H 04 L	7/00
110	H 04 L	7/02
111	H 04 L	7/04
112	H 04 L	7/00
113	H 04 L	7/06
114–116	H 04 L	7/00
117	H 04 L	25/38
118	H 04 L	7/00
		25/36
		25/40
119, 120	H 03 D	3/24
121	H 04 L	23/00
122	H 04 B	1/66
U.S. Class 376		
Induced nuclear reactions, systems and elements		
(IPC G 21 C)		
100–152	G 21 B	1/00
	G 21 J	
153–155	G 01 T	
156	G 21 G	1/00
157	G 21 G	1/121
158–189	G 21 G	1/06
190–201	G 21 G	1/10
202	G 21 G	1/00
203–206	G 21 C	13/00
207, 208	G 21 C	7/00
209	G 21 C	7/02
210, 211	G 21 C	7/32
212, 213	G 21 C	7/30
214	G 21 C	7/00
215–218	G 21 C	7/36
219–239	G 21 C	7/06
240–244	G 21 C	7/00
245–259	G 21 C	17/00
260–272	G 21 C	19/00
273–276	G 01 J	
277–307	G 21 C	9/00
308–316	G 21 C	19/42
317–319	G 21 C	23/00
	G 21 D	
320–322	G 21 D	7/00
323–325	G 21 G	1/02
326	G 21 C	23/00
327–339	G 21 C	7/00
340–345	G 21 C	23/00
346	G 21 C	1/02
347–355	G 21 C	1/04
356–358	G 21 C	1/24
359, 360	G 21 C	1/22
361–382	G 21 C	15/00
		19/28
383–394	G 21 C	3/56
		19/28
395–408	G 21 C	15/00
		19/28
409–423	G 21 C	3/00
424	G 21 C	3/22
425	G 21 C	3/00
426–431	G 21 C	3/30
432	G 21 C	3/36
433	G 21 C	3/00
434–437	G 21 C	3/32
438–442	G 21 C	3/34
443–449	G 21 C	3/32
450	G 21 C	3/40
451, 452	G 21 C	3/10
453, 454	G 21 C	3/06
455, 456	G 21 C	3/00
457	G 21 C	3/06
458, 459	G 21 C	5/00
460, 461	G 21 C	13/00
462	G 21 C	3/34
463	G 21 C	1/01
U.S. Class 377		
Electrical pulse counters, dividers or shift registers		
(IPC H 03 K)		
1	G 06 M	3/00
		7/00
		9/00
		11/00
2	G 06 M	3/00
		3/02
3	G 06 M	3/00
4	G 06 F	15/28
5	A 63 B	71/06
	A 63 D	15/20
	A 63 F	1/18
6–9	G 06 M	7/00
		9/00
		11/00
10	G 06 M	11/02
11	G 06 M	11/04
12	G 06 M	11/02
13, 14	G 06 M	3/08
15	G 07 C	3/00
16	G 07 C	3/00
		3/02
17, 18	G 01 M	3/00
19	G 01 D	
20	G 01 D	
21	G 01 F	15/00
22	G 01 G	21/37
23	G 01 P	1/07
24	G 01 B	7/00
25	G 01 K	1/02
26	G 06 M	3/00
27	H 03 K	21/00
		23/00
28–32	G 06 M	3/00
	H 03 K	21/40
33–44	H 03 K	21/00
		23/00
45	G 06 M	3/00
	H 03 K	23/00
46	G 06 M	3/00
	H 03 K	23/54
47–49	H 03 K	21/00
		23/00
50, 51	G 06 M	3/00
	H 03 K	21/40
52	G 06 M	3/00
	H 03 K	23/66
53	G 06 M	3/00
	H 03 K	21/08
54	G 11 C	19/00
55	G 06 M	3/00
	H 03 K	21/02
56	G 05 M	3/00
	H 03 K	21/08
56–63	H 03 K	23/46
57–63	G 11 C	19/28
64–81	G 11 C	19/00
82	G 06 M	1/00
8363	H 03 K	23/74
84–86	G 06 M	1/00
87	G 06 M	1/22
		1/27
88	G 06 M	1/28
89–92	G 06 M	1/10
93	H 03 K	21/00
		23/00
94	H 03 K	25/00
95	H 03 K	25/02
96	H 03 K	25/04
97	H 03 K	25/12
98	H 03 K	29/00
99	H 03 K	29/06
100	H 03 K	29/04
101	H 03 K	23/76
102	H 03 K	23/78
103	H 03 K	23/82
104	H 03 K	23/42
105	H 03 K	23/44
106	H 03 K	23/40
		23/48
		23/50
107	H 03 K	21/38
108	H 03 K	23/64
109	H 03 K	23/72
110	H 03 K	23/66
111	H 03 K	21/02
112	H 03 K	21/18
113	H 03 K	21/20
114	H 03 K	21/08
115	H 03 K	21/16
116, 117	H 03 K	21/16
118	H 03 K	23/00
119, 120	H 03 K	23/50
121	H 03 K	23/52
		23/60
122	H 03 K	23/54
123	H 03 K	23/56
		23/62
124	H 03 K	23/54
125	H 03 K	23/56
		23/62
126	H 03 K	23/40
		23/86
127	H 03 K	23/84
128	H 03 K	23/80
129	H 03 K	27/00
130	G 06 M	
	G 07 C	
	H 03 K	21/00
		23/00
		25/00
		27/00
		29/00
U.S. Class 378		
X-ray or gamma ray systems or devices		
(IPC H 05 G)		
1, 2	G 01 N	23/00
	G 01 T	1/00
3	H 05 G	1/00
4–27	A 61 B	6/00
	G 01 N	23/00
	G 21 K	1/12
	H 05 G	1/60

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 378—Con.		
28–33	B 41 M	5/00
	G 03 G	13/044
		15/044
34, 35	G 21 K	5/00
36	G 03 H	5/00
37	A 61 B	6/04
38–40	A 61 B	6/14
41, 42	A 61 B	6/02
	G 03 C	9/00
	G 21 K	4/00
43	G 21 K	7/00
44–49	G 01 N	23/223
	G 01 T	1/36
50	G 01 B	15/02
	G 01 N	23/223
51	G 01 F	1/66
	G 01 N	23/06
52	G 01 F	23/28
	G 01 N	23/06
53	G 01 N	23/06
54–56	G 01 B	15/02
	G 01 N	23/06
57	G 01 N	23/04
58–61	G 01 B	15/06
	G 01 N	23/02
62, 63	G 01 N	23/04
64	G 21 K	5/00
65	A 61 N	5/10
66–68	G 21 K	5/08
69	G 21 K	5/10
70–72	G 01 N	23/20
73–75	G 01 N	23/207
76	G 01 N	23/203
77, 78	G 01 N	23/207
79–81	G 01 N	23/20
82, 83	G 01 T	1/36
84, 85	G 21 K	1/06
86–88	G 01 N	23/201
89, 90	G 01 B	15/02
91	H 05 G	1/08
92	H 05 G	1/70
93, 94	H 05 G	1/66
95	H 05 G	1/10
96	H 05 G	1/38
97	H 05 G	1/42
98–100	H 05 G	1/64
101, 102	H 05 G	1/10
103	H 05 G	1/24
104	H 05 G	1/12
105	H 05 G	1/20
106	H 05 G	1/22
107	H 05 G	1/14
108	H 05 G	1/44
109, 110	H 05 G	1/34
		1/50
111, 112	H 05 G	1/32
113	H 05 G	1/52
114	H 05 G	1/56
115, 116	H 05 G	1/54
		1/58
117, 118	H 05 G	1/54
119, 120	G 21 G	4/00
	H 01 J	35/00
	H 05 H	
121, 122	H 01 J	35/00
		35/22
		35/32
123	H 01 J	35/20
124	H 01 J	35/08
125–133	H 01 J	35/10
		35/24
		35/26
		35/28
134	H 01 J	35/06
135	H 01 J	35/04
136	H 01 J	35/06
137	H 01 J	35/30
138	H 01 J	35/14
139	H 01 J	35/02
140	H 01 J	5/18
		35/18
141, 142	H 01 J	35/10
		35/12
143	H 01 J	35/08
144	H 01 J	35/10
145	G 21 K	1/00
146	G 21 K	5/10
147–149	G 21 K	1/02
150–153	G 21 K	1/04
154, 155	G 21 K	1/00
156–159	G 21 K	3/00
160	G 21 K	1/04
161	G 21 K	1/00
162–166	H 05 G	1/28
167	G 03 B	42/02
	G 03 C	5/16
168–170	A 61 B	6/14
	G 03 B	42/02
	G 03 C	5/16
171–181	G 03 B	42/02
182–188	G 03 B	42/04
189	H 01 J	31/49
		31/50
190	G 21 K	4/00
191	A 61 B	6/14
	G 21 K	4/00
192	A 61 B	6/04
	G 21 K	4/00
193	H 05 G	1/02
194	H 05 G	1/06
195–198	H 05 G	1/02
199, 200	H 01 J	35/10
		35/12
201, 202	H 05 G	1/04
203	H 01 J	35/16
204	H 05 G	1/00
205, 206	A 61 B	6/08
207	G 01 O	18/00
208	H 05 G	1/00
209	A 61 B	6/04
210	H 05 G	1/00

U.S. Class 381

Electrical audio signal processing and systems

(IPC H 03)

1	H 04 R	5/00
2–16	H 04 H	5/00
17–28	H 04 R	5/00
29–35	G 10 L	3/02
36	G 10 L	5/00
		7/00
		9/00
37, 38	G 10 L	7/02
		9/00
39	G 10 L	9/02
		9/04
40	G 10 L	9/00
41	G 10 L	5/00
		7/00
		9/00
42–45	G 10 L	5/06
		7/08
		9/06
46, 47	G 10 L	3/00
48	G 10 L	5/00
		7/10
		9/00
49	G 10 L	7/02
		9/00
50	G 10 L	9/02
		9/04
51, 52	G 10 L	5/02
53	G 10 L	9/10
54	G 10 L	3/02
55	H 03 G	11/00
56	H 04 R	29/00
57	H 03 G	3/20
58–60	H 04 R	29/00
61–65	H 03 G	3/00
66	H 04 B	3/20
67	A 61 B	7/04
68, 69	H 04 R	25/00
70	A 61 F	1/20
		2/20
71	A 61 F	11/02
	H 03 B	29/00
72, 73	A 61 F	11/02
74	H 04 R	1/10
75	H 04 R	27/04
76	H 04 R	27/00
77, 78	H 04 B	3/00
79	H 04 B	5/00
80, 81	H 04 B	3/00
82–85	H 04 R	27/00
86	H 04 B	1/00
87–91	H 04 R	1/02
92	H 04 R	3/00
93, 94	H 04 B	15/00
95, 96	H 04 R	3/00
97	H 03 G	
98–101	H 03 G	5/00
102	H 03 G	9/00
103	H 03 G	5/00
104, 105	H 03 G	3/00
106	H 03 G	7/00
107–109	H 03 G	3/00
110	H 03 G	3/20
110–117	H 04 R	3/00
118	G 10 O	5/00
119	H 04 B	1/00
120, 121	H 03 F	21/00
122	H 04 R	3/00
123	H 02 B	1/00
124	H 04 B	

U.S. Class 382

Image analysis

(IPC G 06 K)

1–8	G 06 K	9/00
9	G 06 K	9/34
10	G 06 K	9/00
11, 12	G 06 K	9/18
13	G 06 K	9/00
14, 15	G 06 K	9/62
16–19	G 06 K	9/46
		9/66
20	G 06 K	9/50
21, 22	G 06 K	9/48
23	G 06 K	9/46
		9/50
24–26	G 06 K	9/46
27	G 06 K	9/56
28	G 06 K	9/52
29	G 06 K	9/46
30	G 06 K	9/62
31	G 06 K	9/76
32	G 06 K	9/74
33	G 06 K	9/64
		9/68
34	G 06 K	9/68
35	G 06 K	9/64
36	G 06 K	9/62
37	G 06 K	9/68
		9/70
38	G 06 K	9/68
		9/70
39	G 06 K	9/62
		9/74
40	G 06 K	9/72
41	G 06 K	9/36
42	G 06 F	15/336
	G 06 K	9/64
43	G 06 F	15/332
	G 06 K	9/36
44–46	G 06 K	9/32
47	G 06 K	9/42
48	G 06 K	9/20
49	G 06 K	9/54
		9/60
50–53	G 06 K	9/38
54	G 06 K	9/40
55	G 06 K	9/44
56	G 06 K	9/36
		9/46
57	G 06 K	9/03
58	G 06 K	7/00
		9/20
59	G 06 K	9/22
60	G 06 K	9/30
61	G 06 K	9/20
62, 63	G 06 K	9/00
64	G 06 K	7/08
		9/20
65	G 06 K	7/10
		9/20
66	G 06 K	9/20
		9/26
67, 68	G 06 K	9/20
		9/28
69	G 06 K	9/00

U.S. Class 383

Flexible bags

(IPC B 65 D)

1	B 65 D	30/02
2–4	B 65 D	30/00
5	B 65 D	33/14
6	B 65 D	33/06
7–9	B 65 D	33/10
10	B 65 D	33/08
		33/10
11	B 65 D	33/14
12–21	B 65 D	33/06
22–24	B 65 D	33/14
25–31	B 65 D	33/06
32, 33	B 65 D	33/00
34	B 65 D	33/02
35, 36	B 65 D	33/00
37	B 65 D	30/00
38–40	B 65 D	30/22
41	B 65 D	33/00
42	B 65 D	33/16
43	B 65 D	33/24
44–58	B 65 D	30/24
		30/26
59–71	B 65 D	33/16
72–76	B 65 D	33/28
77–83	B 65 D	33/16
84–87	B 65 D	33/16
		33/24
88–91	B 65 D	33/16
		33/30
92	B 65 D	33/26
93–97	B 65 D	33/16
		33/18
		33/20
		33/22
		39/00
98, 99	B 65 D	33/16
		33/24
100–103	B 65 D	33/01
104	B 65 D	30/16
105	B 65 D	33/00
106	B 65 D	33/04
107, 108	B 65 D	30/00
109	B 65 D	30/08
110	B 65 D	30/08
		81/38
111–113	B 65 D	30/08
114, 115	B 65 D	30/14
116	B 65 D	30/08
117	B 65 D	30/04
		30/06
118	B 65 D	30/02
119	B 65 D	33/02
120	B 65 D	30/20
121	B 65 D	30/10
122	B 65 D	30/18
123, 124	B 65 D	30/10
125, 126	B 65 D	30/12
127	B 65 D	30/00

U.S. Class 384

Bearing or guides

(IPC F 16 C)

91	F 16 C	19/00
		33/00
92	F 16 C	31/00
93	F 16 C	33/66
94	F 16 C	33/72
95	F 16 C	33/00
96	F 16 C	33/30
97, 98	F 16 C	3/00
99	F 16 C	27/00
100	F 16 C	32/06
101, 102	F 16 C	21/00
103–124	F 16 C	32/06
125	F 16 C	33/02
		33/22
126–128	F 16 C	21/00
129	F 16 C	17/00
130–153	F 16 C	33/74
154–156	F 16 C	7/00
		11/00
157	F 16 C	13/00
192–214	F 16 C	23/04
		23/08
		25/04
215–219	F 16 C	27/00
220–222	F 16 C	27/06
223–225	F 16 C	27/08
226	F 16 C	17/04
227	F 16 C	17/04
		35/08
228–238	F 16 C	17/10
239	F 16 C	17/04
240	F 16 C	17/08
241	F 16 C	17/04
242	F 16 C	19/00
243–246	F 16 C	17/04
247–260	F 16 C	23/00
261–274	F 16 C	25/00
275	F 16 C	17/00
276–281	F 16 C	33/02
282–285	F 16 C	33/02
		33/24
286–293	F 16 C	33/10
294	F 16 C	9/02
295, 296	F 16 C	33/02
297–300	F 16 C	33/18
		33/20
301	F 16 C	33/02
302	F 16 C	17/00
303–308	F 16 C	17/04
309–312	F 16 C	17/00
313–316	F 16 C	3/14
		33/66
		37/00
317–321	F 16 C	3/16
		37/00
322	F 16 C	1/00
		1/24
		3/14
		5/00
		33/10
		33/16
368–415	F 16 C	1/24
		3/14
		5/00
		33/10
		33/16
	F 16 N	1/00
416	F 16 C	13/00
		35/00
417	F 16 H	55/00
418–419	F 16 C	13/00
		35/00
420–427	F 16 C	17/04
428–444	F 16 C	35/00

U.S. Class 400

Typewriting machines

(IPC B 41 J)

1–15	B 41 B	1/04
		13/04
		13/06
	B 41 J	19/64
16–22	B 41 G	3/00
	B 41 J	29/26
		29/28

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 400—Con.		
		29/30
23–49	B 41 J	3/28
		11/06
		11/48
		17/00
		19/68
		25/24
		33/00
50–52	B 41 B	27/26
53	B 41 J	11/20
54	B 41 J	29/38
55–60	B 41 J	11/20
61–69	B 41 J	5/30
		5/40
	G 06 F	11/00
	G 06 K	3/00
		7/00
70–75	B 41 J	3/42
		5/30
76	B 41 J	11/44
77–81	B 41 J	3/44
		5/52
82	B 41 J	3/54
83–85	B 41 J	3/46
86, 87	B 41 J	5/00
88	B 41 J	3/36
89, 90	B 41 J	7/66
91–94	B 41 J	3/26
95–99	B 41 J	3/02
		7/90
100–102	B 41 J	5/06
103–111	B 41 J	5/00
112–115	B 41 J	19/16
116	B 41 J	3/34
117	B 41 J	11/40
118–126	B 41 J	3/02
		3/04
		3/06
		3/16
		3/20
		27/16
127–134.6	B 41 J	1/54
		3/38
135–138.6	B 41 J	3/24
139	B 41 J	1/00
140–145.2	B 41 J	1/08
		1/22
146	B 41 J	1/20
147, 148	B 41 J	1/08
149–151.1	B 41 J	1/50
152	B 41 J	1/46
153–159	B 41 J	9/00
		9/02
		9/14
		9/38
		11/18
160–170	B 41 J	1/34
		1/36
		1/50
		1/50
		7/30
		7/34
		7/48
		7/54
		7/62
		7/64
		7/92
		9/34
171–175	B 41 J	1/56
		1/60
176–183	B 41 J	23/20
		23/22
		23/24
		23/26
184	B 41 J	23/34
185–187	B 41 J	23/34
		23/36
188–190	B 41 J	17/00
191	B 41 J	31/00
192	B 41 J	33/34
193	B 41 J	35/02
194–196.1	B 41 J	32/00
		33/10
197–202.4	B 41 J	27/12
		31/14
		31/16
203	B 41 J	33/08
204–206.4	B 41 J	33/12
		35/02
		35/03
		35/22
		35/32
		35/34
207–208.1	B 41 J	35/28
209, 210	B 41 J	31/00
211–217.1	B 41 J	33/54
		33/56
		35/03
		35/08
		35/10
		35/12
		35/14
		35/18
		35/20
		35/22
		35/23
218–222	B 41 J	33/40
		33/42
		33/44
		33/46
		33/48
		33/50
		33/51
		33/512
		33/514
		33/516
		33/518
223–236.2	B 41 J	33/14
		33/16
		33/18
		33/20
		33/22
		33/24
		33/26
		33/28
		33/30
		33/32
		33/34
		33/36
		33/38
		33/382
		33/384
		33/386
		33/388
237–241.4	B 41 J	31/09
		33/00
		33/02
		33/04
		33/06
		33/08
		33/10
		33/12
242–246	B 65 H	75/00
247–250	B 41 J	33/32
		33/36
		35/04
		35/26
251–257	B 41 J	25/24
258–260	B 41 J	23/30
		23/38
261–263	B 41 J	25/24
268–271	B 41 J	25/24
272, 273	B 41 J	25/08
274–276.2	B 41 J	5/20
277, 278	B 41 J	29/54
279–282	B 41 J	21/16
283	B 41 J	19/00
284	B 41 J	21/08
285–286.3	B 41 J	21/14
287–293	B 41 J	21/06
		21/08
294–298	B 41 J	21/02
		21/04
299	B 41 J	29/30
300–302	B 41 J	25/20
303–307.2	B 41 J	19/32
		19/58
		19/60
308–312	B 41 J	19/62
313–318	B 41 J	19/68
		19/70
319	B 41 J	19/00
320–320.1	B 41 J	25/28
321	B 41 J	19/00
322, 323	B 41 J	19/30
324–326	B 41 J	19/00
327	B 41 J	19/16
328, 328.1	B 41 J	19/20
		19/26
329–332.6	B 41 J	19/40
		19/42
		19/44
		19/46
		19/48
333–333.3	B 41 J	19/54
334–334.3	B 41 J	19/66
335	B 41 J	19/56
336, 336.1	B 41 J	19/36
337–341	B 41 J	19/02
342–351	B 41 J	29/42
352–358	B 41 J	11/22
359–364	B 41 J	23/32
		23/36
365–282	B 41 J	2/16
		23/04
		23/06
		23/08
		23/14
383, 384	B 41 J	7/00
385–389	B 41 J	7/20
390–393	B 41 J	7/32
394–397	B 41 J	7/20
398–407	B 41 J	7/18
408–421	B 41 J	7/00
422–434.3	B 41 J	7/02
		7/08
435	B 41 J	7/30
436–440.2	B 41 J	7/26
441–451	B 41 J	7/22
452, 453	B 41 J	7/24
454, 455	B 41 J	29/10
456–461	B 41 J	7/00
462–466	B 41 J	1/02
		1/58
469	B 41 J	1/02
470–471.1	B 41 J	27/02
472–496	B 41 J	5/08
		5/10
		5/12
		5/14
		5/16
		5/26
		5/28
497–507	B 41 J	17/00
		17/06
508–512	B 41 J	17/22
		17/24
513–520	B 41 J	17/06
		17/08
		17/10
		17/12
		17/14
		17/16
		17/18
		17/20
		17/22
		17/24
		17/26
		17/28
		17/30
		17/32
		17/34
		17/36
		17/38
		17/40
		17/42
521–544	B 41 J	13/12
		13/18
545	B 41 J	19/76
546–548	B 41 J	11/48
549	B 41 J	25/94
550	B 41 J	11/36
551	B 41 J	19/14
552	B 41 J	11/02
553	B 41 J	25/16
554	B 41 J	11/20
555–567	B 41 J	19/96
568	B 41 J	19/92
569–577	B 41 J	19/76
		19/78
		19/80
		19/82
		19/84
		19/86
578	B 41 J	13/00
		15/00
579–583.4	B 41 J	11/42
		11/44
		11/46
584–585.1	B 41 J	11/50
586594.1	B 41 J	11/48
		11/52
		17/08
595–604	B 41 J	11/48
		11/54
		13/10
605–610.4	B 41 J	11/50
		11/52
		13/10
		13/26
		15/04
		15/18
		15/20
611–621.2	B 41 J	11/26
		11/27
		11/28
		11/30
		11/32
		11/52
		11/66
		11/68
		11/70
		15/02
		15/08
		15/10
		15/16
		15/24
622, 623	B 41 J	13/24
624–629	B 41 J	11/58
		13/10
630–633.2	B 41 J	13/26
		13/30
634–641	B 41 J	13/02
		13/04
		13/08
642–647.1	B 41 J	13/10
		13/12
		13/14
		13/16
		13/18
648–662	B 41 J	11/02
		11/04
		11/08
		11/10
		11/14
663–678	B 41 J	5/22
		29/54
		29/56
		29/58
		29/60
		29/62
		29/64
		29/66
		29/68
		29/70
679	B 41 J	29/00
680–685	B 41 J	11/56
		29/06
686–687	B 41 J	19/08
		19/10
688	B 41 J	29/00
689–690.4	B 41 J	29/08
		29/10
691–694	B 41 J	29/02
695–700	B 41 J	11/60
		29/00
		29/36
701–702.1	B 41 F	35/00
703–712	B 41 J	29/18
		29/20
		29/24
		29/42
		29/44
		29/46
		29/62
713–718.2	B 41 J	11/62
		29/00
		29/12
		29/16
		29/18
719	B 41 J	29/00

U.S. Class 401

Coating implements with material supply

(IPC B 43 K)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 46 B	11/08
	A 47 L	13/32
	B 43 M	1/02
2	A 46 B	11/08
	A 47 L	13/32
	B 43 M	1/02
3	A 46 B	11/08
6	A 46 B	5/02
7	A 46 B	5/04
8	A 46 B	5/02
9	A 46 B	15/00
10–12	A 46 B	11/00
		15/00
13	A 47 L	13/26
14	A 46 B	15/00
		17/08
15	A 46 B	15/00
16	A 46 B	11/00
	A 47 L	13/12
18–20	B 43 K	27/02
21	A 47 L	11/08
		13/12
22–25	A 47 L	1/08
		13/12
26, 27	A 47 L	13/12
28	A 46 B	11/00
		11/06
	A 61 H	7/00
29–33	B 43 K	27/14
34, 35	B 43 K	27/04
		27/08
36	A 46 B	11/06
37	A 47 L	13/26
38	A 46 B	11/00
	A 47 L	23/04
39	A 46 B	11/00
40, 41	B 43 K	5/02
42, 43	A 46 B	11/06
44, 45	A 46 B	11/00
46	A 46 B	11/06
47	A 46 B	11/00
48	A 46 B	11/00
		17/02
49	B 43 K	19/00
50, 51	B 43 K	29/06
52	B 43 K	25/00
		29/00
53	B 43 K	21/02
		21/04
54, 55	B 43 K	21/02
56	B 43 K	
57	B 43 K	21/14
		21/20
58, 59	B 43 K	21/02
60	A 45 D	39/04
		40/00
	B 43 K	29/02
61	A 45 D	40/00
	B 43 K	29/02
62	B 43 K	21/02
63, 64	B 43 K	21/10
65	B 43 K	21/16
66	B 43 K	21/18
67	B 43 K	21/16
68, 69	A 45 D	40/04
		40/06
	B 43 K	21/08
70	A 45 D	40/04

U.S. Subclass	IPC Subclass	Notation
U.S. Class 401—Con.		
		40/06
	B 43 K	21/12
71	A 45 D	40/04
	B 43 K	21/08
72	B 43 K	21/08
73, 74	A 45 D	40/04
		40/06
	B 43 K	21/08
75	B 43 K	21/08
76–78	B 43 K	21/08
79	A 45 D	40/04
	B 43 K	21/08
80	B 43 K	21/00
81	A 45 D	40/10
	B 43 K	21/00
82–85	B 43 K	21/00
86, 87	A 45 D	40/02
		40/06
	B 43 K	21/00
88	A 45 D	40/20
	B 43 K	23/00
89–91	B 43 K	23/00
92–94	B 43 K	21/22
95	B 43 K	23/00
96	B 43 K	19/02
		19/06
		19/14
97	B 43 K	19/14
98	B 43 K	23/00
99–109	B 43 K	5/16
		7/12
		24/02
110, 111	B 43 K	5/16
		24/02
112–115	B 43 K	5/16
		7/12
		24/02
116	B 43 K	5/16
		24/02
117	B 43 K	7/12
118–120	A 46 B	11/00
121, 122	A 46 B	11/00
		17/08
123–127	A 46 B	11/00
128	B 43 M	11/00
129	A 46 B	11/00
130	A 45 D	33/00
131	B 43 K	23/02
132–135	B 43 K	5/14
136	A 47 L	1/08
		13/22
		13/26
		13/30
137	A 47 L	1/08
		13/22
		13/26
		13/30
	B 43 M	11/02
138	A 47 L	1/08
		13/22
		13/26
		13/30
139	A 47 L	13/26
		13/30
140	A 46 B	11/00
141, 142	B 43 K	7/08
		7/10
143, 144	B 43 K	5/02
145	B 43 K	5/04
146	B 43 K	5/02
147	B 43 K	7/10
	B 43 M	11/02
148–150	B 43 K	5/18
151	B 43 K	5/10
152–170	B 43 K	5/04
171–177	B 43 K	5/06
178	B 43 K	5/10
179–182	B 43 K	5/06
183–186	B 43 M	11/06
187, 188	A 46 B	11/02
	B 43 K	5/02
189	B 43 K	5/02
190	A 46 B	5/02
		11/02
191	A 46 B	11/00
192	B 43 K	5/12
		7/06
193	B 43 K	29/00
194	B 43 K	5/12
		7/06
195	B 43 K	29/00
196	B 05 C	21/00
	B 43 K	5/00
		8/02
	B 43 M	11/06
197	B 44 D	3/28
198, 199	B 43 K	5/00
	B 43 M	11/06
200	A 45 D	33/02
201	A 47 K	7/02
202–206	B 43 K	5/00
207	B 43 M	11/06
208	B D5 C	17/00
		17/02
		21/00
	B 43 M	11/02
	B 44 D	3/28
		3/40
209	B 43 K	7/00
210	B 43 K	7/02
211, 212	B 43 K	7/10
213	B 43 K	9/00
214–216	B 43 K	7/10
217	B 43 K	7/02
218–220	B 43 M	11/02
	B 44 D	3/28
221	B 43 K	5/00
222–224	B 43 K	5/02
225–229	B 43 K	5/18
230	B 43 K	5/10
231	B 43 K	1/02
		5/00
232	B 43 K	5/02
233	B 43 K	5/00
234	B 43 K	5/18
		9/00
235–242	B 43 K	5/18
243–247	B 43 K	9/00
248	B 43 K	5/00
249	B 43 K	5/18
250	B 43 K	5/18
251	B 43 K	5/00
252–255	B 43 K	1/02
256, 257	B 43 K	17/00
258	B 43 K	1/10
259, 260	B 43 K	1/06
		1/10
		5/16
261	A 47 L	13/30
	B 43 K	5/00
	B 43 M	11/06
262	B 43 K	9/00
263, 264	A 47 L	13/30
	B 43 K	5/18
	B 43 M	11/06
265	B 43 K	1/06
266	A 47 L	3/30
267	B 43 K	1/04
268	A 46 B	11/00
269	A 46 B	17/04
270	A 46 B	11/04
	A 47 L	13/22
271–274	A 46 B	11/04
275	A 46 B	11/04
	A 47 L	13/22
276–288	A 46 B	11/04
	A 47 L	13/22
289	A 46 B	11/06
	A 47 L	13/22
290	A 46 B	11/00
	A 47 L	13/22
291	A 46 B	11/04
292	A 46 B	
	A 47 L	
	B 43 K	
	B 43 M	

U.S. Class 402

Binder device releasably engaging aperture or notch of sheet

(IPC B 42 F)

U.S. Subclass	IPC Subclass	Notation
1–6	B 42 F	3/00
		13/40
7	B 42 F	13/00
8–13	B 42 F	3/00
		13/02
14–18	B 42 F	13/06
		13/08
19–23	B 42 F	3/02
		13/02
24–26	B 42 F	13/00
27, 28	B 42 F	3/04
		13/16
29–45	B 42 F	3/04
		13/20
46–56	B 42 F	3/02
		13/30
57	B 42 F	3/06
		13/04
58, 59	B 42 F	3/00
		13/12
60–69	B 42 F	3/00
		13/12
		13/36
70–72	B 42 F	3/00
		13/12
73–80	B 42 F	13/00
500–502	B 42 F	3/00
		13/00
503	B 42 F	11/04
		13/00

U.S. Class 403

Joints and connections

(IPC F 16 B)

U.S. Subclass	IPC Subclass	Notation
1	B 6D B	27/00
	F 16 D	1/06
2	F 16 B	
	F 16 D	9/00
	F 16 P	5/00
3, 4	F 16 B	
	F 16 D	1/00
	F 16 L	25/00
5	F 16 B	
	F 16 L	17/00
		33/16
6–9	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
10	B 25 G	3/00
	F 16 B	
	F 16 L	45/00
11	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
12	B 65 D	59/00
	F 16 B	
	F 16 G	11/00
	F 16 L	35/00
13	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
14	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
15	F 16 B	
	F 16 D	1/00
	F 16 L	17/00
		29/00
16–22	B 25 G	3/00
	E 21 B	19/16
	F 16 B	
	F 16 D	1/00
23	F 16 B	11/00
	F 16 D	1/00
		3/84
	F 16 L	11/12
24, 25	F 16 B	
	F 16 D	1/00
		3/00
26	F 16 B	7/00
	F 16 C	32/00
	F 16 D	1/12
27	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
28–30	F 16 B	
	F 16 C	9/00
	F 16 D	1/00
	F 16 G	11/00
31	F 16 B	
	F 16 D	3/80
	F 16 L	17/00
32	E 21 B	19/16
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
33	F 16 C	11/00
	F 16 D	1/12
		3/00
34	F 16 B	
	F 16 D	3/80
	F 16 L	17/00
35, 36	F 16 C	11/00
	F 16 D	1/12
		3/00
37	F 16 B	
	F 16 D	3/80
	F 16 L	17/00
38, 39	F 16 C	11/00
	F 16 D	1/12
		3/00
40	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
41	B 25 G	3/00
	F 16 B	
	F 16 D	
	F 16 L	
42	F 16 B	
	F 16 D	
	F 16 L	
43–48	F 16 B	7/06
	F 16 G	11/12
49	E 04 G	7/00
	F 16 B	
		1/00
50, 51	F 16 B	7/10
	F 16 C	11/00
	F 16 J	15/52
	F 16 L	51/02
52–55	F 16	3/00
	F 16 B	7/10
	F 16 C	11/00
	F 16 D	1/12
56	F 16 C	11/06
57, 58	F 16 D	3/00
59	F 16 B	7/06
		7/10
	F 16 C	11/00
	F 16 G	11/12
60	F 16 B	7/06
		7/10
	F 16 G	11/12
61	F 16 C	11/00
62	F 16 C	11/00
	F 16 D	1/12
63	F 16 B	7/10
64	F 16 B	7/10
	F 16 C	11/00
	F 16 D	1/12
65	F 16 B	12/44
	F 16 C	11/00
66, 67	F 16 B	7/10
	F 16 C	11/00
	F 16 D	1/12
		3/00
68–71	F 16 B	9/00
	F 16 C	11/00
	F 16 D	1/12
72, 73	F 16 C	11/00
	F 16 D	1/12
		3/00
74	F 16 C	11/06
	F 16 D	1/12
		3/00
75–77	F 16 C	11/00
	F 16 D	1/12
		3/00
78	F 16 D	1/12
		3/00
79	F 16 C	11/00
	F 16 D	1/12
		3/00
80	F 16 B	7/10
81–83	F 16 B	7/10
	F 16 D	1/12
84–89	F 16 C	11/00
	F 16 D	1/12
		3/00
90	F 16	3/00
	F 16 C	11/06
	F 16 D	1/12
91–103	F 16 C	11/00
	F 16 D	1/12
		3/00
104–108	F 16 B	7/10
	F 16 D	1/12
109	F 16 B	7/10
110	F 16 D	1/12
111	F 16 C	11/00
	F 16 D	1/12
		3/00
112	F 16 B	7/10
	F 16 D	1/12
		3/00
113	F 16 C	11/00
	F 16 D	1/12
		3/00
114, 115	F 16 C	11/06
	F 16 D	1/12
		3/00
116, 117	F 16 C	11/00
	F 16 D	1/12
		3/00
118	F 16 B	7/18
	F 16 C	11/00
	F 16 D	1/12
		3/00
119, 120	F 16 C	11/00
	F 16 D	1/12
		3/00
121	F 16 C	11/00
		32/02
	F 16 D	1/12
		3/00
122–149	F 16	3/00
	F 16 C	11/00
	F 16 D	1/12
150–159	F 16 C	11/06
	F 16 D	1/12
	F 16 J	1/16
160–163	F 16 C	11/06
	F 16 D	1/12
		3/00
164, 165	F 16 D	1/12
		3/00
166	F 16 B	7/10
167, 168	F 16 B	7/08
		9/00
169–178	F 16 B	
	F 16 D	1/00
		3/00
	F 16 L	41/00
179–185	F 16 B	
	F 16 D	1/00
		3/00
186–188	F 16 B	7/08
		9/00
	F 16 L	41/00
189–191	F 16 B	7/08
	F 16 L	41/00
192–201	F 16 B	9/00
	F 16 L	41/00
202–204	E 21 B	19/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 403—Con.		
	F 16 B	
	F 16 0	1/00
		3/00
205	F 16 B	1/00
		9/00
	F 16 L	41/00
206–216	F 16 B	
	F 16 G	11/00
217–219	F 16 B	
	F 16 D	1/00
		3/00
	F 16 G	11/00
220–229	F 16 B	
	F 16 0	1/00
	F 16 J	1/38
230–233	B 25 G	3/00
	F 16 B	7/08
		9/00
	F 16 L	41/00
234	B 25 G	3/00
	F 16 B	7/08
	F 16 L	41/00
235, 236	B 25 G	3/00
	F 16 B	9/00
	F 16 L	41/00
237	B 25 G	3/00
	F 16 B	7/08
	F 16 L	41/00
238–264	B 25 G	3/00
	F 16 B	9/00
	F 16 L	41/00
265–272	B 25 G	3/34
	F 16 B	11/00
		12/04
	F 16 L	13/00
273	F 16 B	4/00
274	B 25 G	3/28
		3/28
	F 16 B	
	F 16 G	11/00
		11/00
275	F 16 G	11/05
		11/05
276–285	B 25 G	3/28
	F 16 B	
	F 16 G	11/00
286–288	B 25 G	3/00
	F 16 B	
	F 16 0	1/00
	F 16 G	11/00
289, 290	B 25 G	3/24
	F 16 B	2/02
		7/04
	F 16 0	1/00
291	F 16 B	
	F 16 0	1/00
		1/00
	F 16 G	11/00
		11/00
292–298	F 16 B	7/00
		7/00
		12/36
		12/36
		13/00
		13/00
299	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
300	B 25 G	3/00
	F 16 B	7/18
	F 16 0	1/00
	F 16 L	15/00
301–309	B 25 G	3/00
	F 16 B	
	F 16 0	1/00
	F 16 G	11/00
310–314	F 16 B	2/02
		7/04
	F 16 D	1/00
		1/02
	F 16 G	11/00
315–320	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
321–330	B 25 G	3/18
	F 16 B	21/00
	F 16 0	1/00
331, 332	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
333, 334	B 25 G	3/00
	F 16 B	7/02
	F 16 D	1/00
335–341	F 16 B	
	F 16 D	1/00
	F 16 L	23/00
342, 343	B 25 G	3/00
	F 16 B	7/18
	F 16 D	1/00
	F 16 L	15/00
344–348	B 25 G	3/00
	F 16 B	
	F 16 0	1/00
349	B 25 G	3/16
	F 16 B	7/20
	F 16 D	1/00
350–352	B 25 G	3/00
	F 16 B	2/02
		7/04
	F 16 D	1/00
353	B 25 G	3/00
	F 16 B	
	F 16 0	1/00
354	B 25 G	3/28
	F 16 B	2/00
		3/00
		7/00
355–359	B 25 G	3/28
	F 16 B	3/00
		7/00
	F 16 0	1/00
360–366	B 25 G	3/02
	F 16 B	
	F 16 0	1/00
367–371	B 25 G	3/20
	F 16 B	2/00
		7/04
372	B 25 G	3/10
	F 16 B	2/22
		7/04
373	B 25 G	3/20
	F 16 B	2/00
		7/04
374	B 25 G	3/20
	F 16 B	2/14
		2/18
		7/04
375, 376	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
377–379	B 25 G	3/00
	F 16 B	7/10
	F 16 D	1/00
380, 381	B 25 G	3/08
	F 16 B	
	F 16 0	1/00
382	B 25 G	3/08
	E 04 G	7/00
	F 16 B	
383	B 25 G	3/00
	F 16 B	7/00
	F 16 0	1/00
384–403	B 25 G	3/36
	E 04 G	7/00
	F 16 B	
404–408	B 25 G	3/00
	F 16 B	
	F 16 D	1/00
	F 16 G	11/00
409	B 25 G	3/00
	F 16 B	2/14
		21/80
	F 16 G	11/00
410	B 25 G	3/00
	F 16 B	
	F 16 0	1/00
	F 16 G	11/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 404		
Road structure,process and apparatus		
(IPC E 01 C)		
1	E 01 C	1/00
2–5	E 01 C	11/22
	E 01 F	5/00
6	E 01 F	13/00
		15/00
7, 8	E 01 C	11/22
9–11	E 01 F	9/00
12, 13	E 01 F	9/06
		9/08
14	G 08 B	
15	E 01 F	11/00
16	G 08 B	
17	E 01 C	7/00
		11/00
18	E 01 C	5/22
19–21	E 01 C	11/24
22–24	E 01 C	17/00
25, 26	E 02 0	29/14
27–31	E 01 C	3/00
32, 33	E 01 C	5/18
34	E 01 C	5/00
35	E 01 C	5/16
		9/08
36	E 01 C	9/10
	E 04 C	
37–42	E 01 C	5/00
43	E 01 C	3/00
44	E 01 C	5/22
45	E 01 C	5/08
		5/10
46	E 01 C	5/14
47, 48	E 01 C	11/02
		11/04
		11/12
49	E 01 C	11/10
50	E 01 C	11/04
51–63	E 01 C	11/02
		11/14
64–66	E 01 C	11/10
67	E 01 C	11/08
68, 69	E 01 C	11/02
		11/04
70	E 01 C	5/08
		11/16
71	E 01 C	7/00
72	E 01 C	3/06
		7/28
		11/24
73	E 01 C	5/00
		19/14
74	E 01 C	11/02
75	E 01 C	7/06
		7/32
76	E 01 C	7/36
		21/00
77	E 01 C	7/06
78	E 01 C	23/10
79, 80	E 01 C	23/14
81–86	E 01 C	19/00
87–89	E 01 C	23/02
90–92	E 01 C	23/08
		23/12
93, 94	E 01 C	23/16
95	E 01 C	23/14
96, 97	E 01 C	19/22
	E 04 G	21/10
98	E 01 C	11/28
99	E 01 C	19/14
100	E 01 C	11/16
		24/04
101	E 01 C	19/12
102	E 01 C	19/38
103	E 01 C	19/28
104	E 01 C	9/10
		19/00
105, 106	E 01 C	19/12
107	E 01 C	23/02
108–111	E 01 C	19/06
		19/18
112	E 01 C	19/22
113–117	E 01 C	19/38
118–120	E 01 C	19/22
121–130	E 01 C	19/26
131	E 01 C	19/24
132	E 01 C	19/26
133	E 01 C	19/34
		19/36
		19/40
134–136	E 01 C	11/16
		11/18
		11/20

U.S. Class 405

Hydraulic and earth engineering

(IPC E 02 B)

1	B 63 C	
2	B 63 C	3/08
3	B 63 C	3/06
4–6	B 63 C	1/08
7	B 63 C	5/05
8–10	E 02 0	23/04
11	E 02 0	19/04
		23/00
12	B 63 C	11/40
13	E 02 D	23/02
		23/08
		23/16
14	E D2 D	19/04
		23/00
15	E 02 B	3/04
16–19	E 02 B	3/12
20	E 02 B	3/14
21	E 02 B	3/06
22–27	E 02 B	3/04
28–33	E 02 B	3/06
34	E 02 B	3/08
35	E 02 B	3/06
36	E 02 B	11/00
		13/00
	E 03 F	
37	E 02 B	11/00
		13/00
38	E 02 B	11/00
39–41	E 02 B	11/00
		13/00
42	E D2 B	13/02
43	E 02 B	11/00
		13/00
44	E 02 B	13/00
45	E D2 B	11/00
		13/00
46	E D2 B	13/00
47–49	E 02 B	11/00
		13/00
5049	E D2 B	11/00
51	E 02 B	11/00
52	E 02 B	
		13/00
53–58	B 65 G	5/00
	E 21 F	17/16
59	B 65 G	65/30
60	E D2 B	15/00
60.5	B 62 D	35/00
61	E D2 B	15/02
62	E D2 B	15/00
63–72	E 02 B	15/04
73	E D2 B	3/02
74	E 02 B	8/02
75	E 02 B	9/00
76, 77	E 02 B	9/08
78	E 02 B	9/00
79, 80	E 02 B	3/00
81–83	E 02 B	8/08
84	E D2 B	5/04
85	E D2 C	1/00
86	E D2 C	5/00
87–89	E 02 B	7/00
		8/00
90–93	E 02 B	7/20
94, 95	E D2 B	7/40
96, 97	E D2 B	7/20
98	E D2 B	7/38
99–102	E 02 B	7/40
103–105	E 02 B	7/26
106105	E 02 B	7/36
107	E 02 B	3/10
		7/02
108	E 02 B	8/06
109	E D2 B	7/02
110–112	E 02 B	7/14
113, 114	E 02 B	7/08
115, 116	E 02 B	7/02
117	E 02 B	7/06
118	E D2 B	5/00
119, 120	E 02 B	5/00
		9/04
	E 04 0	13/04
121–123	E 04 0	13/04
124–127	E 01 F	5/00
	E D3 F	3/00
128, 129	B 09 B	1/00
	G 21 F	9/00
130, 131	E 02 0	19/14
132	E 21 0	
		9/00
		9/00
		10/00
		10/00
		11/00
133	E 21 0	1/00
134, 135	E 21 D	9/00
		10/00
		10/00
		11/00
136, 137	E 21 0	9/00
		10/00
		10/00
		11/00
138	E 21 0	
		9/00
		10/00
		11/00
139, 140	E 21 0	9/00
		10/00
		11/00
141–145	E 21 0	9/00
		9/06
		10/00
		11/00
146	E 21 0	9/06
		11/00
147	E 21 D	9/06
		11/00
148	E 21 D	9/12
		11/00
149	E 21 0	9/00
		10/00
		11/00
150–153	E 21 0	11/00
154	B 63 B	35/04
	F 16 L	
155, 156	E D2 0	29/10
	E 03 F	3/06
157	E D3 B	7/10
		7/14
	F 16 L	57/00
		59/00
158	F 16 L	1/00
		1/04
159–173	F 16 L	1/04
174–177	F 16 L	1/02
178	F 16 L	3/22
179	F 16 L	1/02
		3/00
180–184	E 02 F	5/10
	E 03 F	3/06
	F 16 L	1/00
185	B 63 C	11/00
186	B 63 C	11/02
187–192	B 63 C	11/10
193	B 63 C	11/44
194	B 63 C	11/38
195	E 02 B	
	E 02 0	21/00
		23/00
		27/24
		29/00
196–200	E 02 B	17/08
201, 202	E D2 B	17/00
203	E 02 B	17/08
	E 02 0	21/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 405—Con.		
204	E 02 D	25/00
205, 206	E 02 D	23/02
		25/00
207, 208	B 63 B	35/40
209	E 02 D	25/00
210	E 02 D	27/38
211	E D2 D	5/60
		31/00
212–215	E D2 B	3/22
216	E D2 D	5/60
		31/00
217	E 02 D	17/00
		19/14
218–221	B 63 C	1/00
		3/00
	E 02 B	3/20
222	E D2 D	5/20
		5/34
		5/50
		29/06
223	E D2 D	5/34
		5/40
224	E 02 D	5/54
		5/74
225	E 02 D	5/46
		5/62
226	E D2 D	5/32
		7/24
227	E 02 D	5/00
228	E D2 D	9/00
		11/00
		13/00
229	E D2 D	
230	E D2 D	5/00
231	E 02 D	5/22
232	E 02 D	7/00
		11/00
		13/00
233	E 02 D	5/30
		5/34
		5/50
234	E 02 D	7/12
		13/00
235	E 02 D	5/22
		7/00
236	E D2 D	5/62
		15/02
237, 238	E D2 D	5/44
239	E D2 D	5/30
240–242	E 02 D	5/56
		7/22
243	E D2 D	5/70
		7/30
		15/04
244	E D2 D	5/74
		27/50
245, 246	E 02 D	7/30
247	E 02 D	5/42
		7/20
248	E 02 D	15/00
249	E 02 D	7/28
		23/00
		25/20
250	E D2 D	5/20
		5/30
		5/48
251	E D2 D	5/08
		5/16
252	E 02 D	5/10
		5/14
253, 554	E 02 D	7/14
255	E D2 D	5/52
256	E D2 D	5/10
		5/30
		5/34
257	E D2 D	5/18
		5/20
		5/34
258	E 02 D	
259	E 21 D	20/00
		21/00
260, 261	E 21 D	20/02
262	E 02 D	29/00
	E 21 D	20/00
		21/00
263–266	C D9 K	17/00
	E 02 D	3/12
267–269	E 02 D	5/18
267	E D2 D	27/00
		29/00
270	C 09 K	17/00
	E 02 D	3/12
271	E D2 D	3/02
272	E 02 D	5/00
	E 21 D	5/00
273	E D2 D	17/00
		29/00
274	E 02 D	5/02
289	E 21 D	15/32
290	E 21 D	15/00
291, 292	E 21 D	23/00
293, 294	E 21 D	15/14
295	E 21 D	17/02
296	E 21 D	19/00
297	E 21 D	15/52
298	E 21 D	15/34
299–301	E 21 D	23/00
302	E 21 D	23/12
		23/16
		23/26
303	E 02 D	

U.S. Class 406

Conveyors, fluid current

(IPC B 65 G)

1, 2	B 65 G	51/36
3	B 65 G	51/40
4	B 65 G	51/42
5	B 65 G	51/44
6–9	B 65 G	51/42
10	B 65 G	51/08
		51/36
		53/66
11, 12	B 65 G	51/16
		53/66
13	B 65 G	51/34
14–22	B 65 G	51/16
		53/66
23–25	B 65 G	53/66
26, 27	B 65 G	51/16
28–31	B 65 G	51/36
		53/66
32, 33	B 65 G	53/66
34–36	B 65 G	51/36
		53/66
37	B 65 G	51/42
38	B 65 G	53/04
39–44	B 6D P	1/60
45	B 65 G	53/30
46–49	B 65 G	53/00
50	B 65 G	53/66
51	B 65 G	53/40
52–61	B 65 G	53/08
		53/48
62–68	B 65 G	53/08
		53/46
69–71	B 65 G	53/48
72	B 65 G	51/00
73–76	B 65 G	53/40
77–82	B 65 G	53/44
83, 84	B 65 G	51/20
		53/58
85	B 65 G	53/66
86	B 65 G	53/16
		53/26
87	B 65 G	47/24
88	B 65 G	53/16
		53/28
		53/38
		69/06
89	B 65 G	53/18
		53/26
90, 91	B 65 G	53/38
		69/08
92	B 65 G	53/52
93–95	B 65 G	53/04
96–104	A 01 O	87/10
105, 106	B 65 G	53/28
107	B 65 G	53/34
108, 109	B 65 G	53/40
110–112	B 65 G	51/26
113–118	B 65 G	53/40
119, 120	B 65 G	53/36
121–123	B 65 G	53/40
124–126	B 65 G	53/36
127–133	B 65 G	53/46
134–136	B 65 G	53/40
137, 138	B 65 G	53/38
139, 140	B 65 G	53/58
141	B 65 G	53/24
142, 143	B 65 G	53/10
142	B 65 G	53/50
145	B 65 G	53/10
		53/24
146	B 65 G	53/12
147–150	B 65 G	51/28
151	B 65 G	53/24
152	B 65 G	53/42
153	B 65 G	53/14
154, 155	B 65 G	53/40
156	B 65 G	53/36
157–162	B 65 G	53/40
163	B 65 G	53/60
164–167	B 65 G	53/40
		53/52
168–175	B 65 G	53/60
176–180	B 65 G	51/30
181	B 65 G	51/18
		53/52
182, 183	B 65 G	51/24
		53/56
184–190	B 65 G	51/06
191	B 65 G	51/18
		53/52
192	B 65 G	51/22
		53/34
193	B 65 G	51/18
		53/52
194	B 65 G	53/34
195	B 65 G	51/18
		53/52
196	B 65 G	53/54
197	B 65 G	53/00
198	B 65 G	51/00
		53/00

U.S. Class 407

Cutters, for shaping

(IPC B 26 D)

1	B 26 O	9/00
2–11	B 23 P	15/28
	B 26 O	1/00
		3/00
12–19	B 23 P	15/42
20–26	B 26 O	1/12
27	B 23 P	15/44
	B 26 O	1/12
28–64	B 26 O	1/12
65–120	B 23 P	15/28
	B 26 O	1/00
		3/00

U.S. Class 408

Cutting by rotating axially moving tool

(IPC B 23 B)

1	B 23 B	35/00
2	B 27 C	9/00
3	B 23 B	39/08
		39/24
		39/26
	B 23 G	3/08
4, 5	B 23 B	39/00
6	B 23 B	39/00
		47/24
7	B 23 B	39/00
8–12	B 23 B	39/04
	B 23 G	1/00
13	B 23 B	39/06
	B 23 G	1/00
14, 15	B 23 B	39/00
	B 23 G	1/00
16	B 23 B	49/00
	B 23 G	1/00
17	B 23 B	27/22
		47/34
18	B 27 C	9/00
19	B 23 B	39/00
20, 21	B 27 C	3/00
22–25	B 23 B	51/08
	B 25 F	1/00
	B 27 C	3/00
26–30	B 23 B	39/02
		51/08
	B 25 F	1/00
	B 27 C	3/00
31–34	B 23 B	39/16
	B 23 G	1/20
35	B 23 B	39/20
	B 23 G	1/20
36	B 23 B	39/16
	B 23 G	1/20
37–41	B 23 B	39/22
	B 23 G	1/20
42, 43	B 23 B	39/16
	B 23 G	1/20
44, 45	B 23 G	1/20
		1/50
46	B 23 B	39/18
	B 23 G	1/20
47–53	B 23 B	39/16
	B 23 G	1/20
54	B 23 B	39/00
55	B 23 B	39/00
	B 23 G	1/00
56	B 23 B	51/06
	B 27 C	9/00
57–60	B 23 B	27/10
		51/06
	B 27 C	9/00
61	B 23 B	51/06
	B 27 C	9/00
62	B 23 Q	5/22
63	B 23 Q	5/26
64–66	B 23 Q	5/22
67, 68	B 23 B	47/00
	B 23 G	11/00
69	B 23 B	47/00
	B 23 G	11/00
	B 23 Q	5/22
70, 71	B 23 B	47/00
	B 23 G	11/00
	B 23 Q	5/50
72	B 23 B	39/00
		47/00
		49/00
	B 23 G	1/00
73, 74	B 23 B	39/00
		49/00
	B 23 G	1/00
75, 76	B 23 B	39/00
		47/00
		49/00
	B 23 G	1/00
77, 78	B 23 B	39/14
	B 23 G	1/00
79, 80	B 23 B	41/00
	B 23 G	1/00
81–83	B 23 B	41/00
		49/04
		51/10
	B 23 G	1/00
84	B 23 B	49/00
85, 86	B 23 B	39/00
		47/00
		49/00
	B 23 G	1/00
87	B 23 B	39/00
		45/08
		45/14
	B 23 G	1/00
88–102	B 23 B	39/00
		47/00
		49/00
	B 23 G	1/00
103	B 23 B	39/00
		45/14
		47/00
		49/00
	B 23 G	1/00
104–107	B 23 B	39/00
	B 23 G	1/22
		1/52
108–114	B 23 B	39/00
		45/14
		47/00
		49/00
	B 23 G	1/00
115	B 23 B	47/28
		49/02
	B 23 G	1/48
116	B 23 B	49/00
	B 23 G	1/00
117–119	B 23 B	39/16
	B 23 G	1/20
120–123	B 23 B	45/12
	B 23 G	1/00
124–127	B 23 B	39/10
		45/00
		47/00
	B 23 G	3/00
128	B 23 B	45/10
		47/16
	B 23 G	3/00
129	B 23 B	47/00
	B 23 G	3/08
130	B 23 B	45/04
		47/22
131, 132	B 23 B	47/00
	B 23 G	3/00
133	B 23 B	47/14
	B 23 G	3/00
134–137	B 23 B	47/00
	B 23 G	3/00
138–142	B 23 Q	5/22
143	B 23 B	47/00
144	B 23 B	27/14
		51/00
145	B 23 B	27/20
146	B 23 B	29/02
		51/00
	B 23 G	5/00
147–198	B 23 B	51/00
	B 23 O	77/00
	B 23 G	5/00
199	B 23 B	51/00
	B 23 D	77/00
	B 23 G	5/00
	B 27 G	15/00
200	B 23 B	47/34
		51/00
	B 23 O	77/00
	B 23 G	5/00
	B 27 G	15/00
201–203.5	B 23 B	51/00
	B 23 O	77/00
	B 23 G	5/00
	B 27 G	15/00
204	B 23 B	41/02
		51/04
	B 27 B	5/12
205, 206	B 23 B	41/02
		51/04
207–225	B 23 B	51/00
	B 23 D	77/00
	B 23 G	51/00
	B 27 G	15/00
226	B 23 B	31/44
		51/00
	B 23 D	77/00
	B 23 G	51/00
	B 27 G	15/00
227–233	B 23 B	51/00
	B 23 D	77/00
	B 23 G	51/00
	B 27 G	15/00
234–237	B 23 B	47/00
238	B 23 B	31/02

U.S. Subcloss	IPC Subclass	Notation
U.S. Class 408—Con.		
		51/14
	B 23 G	1/46
239–240	B 23 B	31/10
		51/14
	B 23 G	1/46
241	B 23 B	39/00
		47/00
	B 23 G	1/00
U.S. Class 409		
Gear cutting, milling, or planing		
(IPC B 23 F)		
1–7	B 23 F	1/00
8, 9	B 23 F	19/00
10	B 23 F	1/00
11–24	B 23 F	5/00
25–30	B 23 F	9/10
31–33	B 23 F	19/06
34–36	B 23 F	5/12
		5/20
37	B 23 F	19/06
38–45	B 23 F	5/00
46, 47	B 23 F	5/12
48	B 23 F	5/00
		15/00
49	B 23 F	19/06
50–57	B 23 F	5/20
58–60	B 23 F	5/20
		5/28
		9/04
61, 62	B 23 F	1/00
63–65	B 23 C	
66–78	B 23 C	3/32
	B 23 F	13/00
79–83	B 23 C	1/16
		1/18
84	B 23 C	
85–124	B 23 C	1/16
		1/18
125–130	B 23 D	1/30
		3/06
		5/04
		9/00
131–144	B 23 C	
145–164	B 23 C	9/00
165–168	B 23 C	1/14
169, 170	B 23 C	9/00
171–174	B 23 C	
175–182	B 23 C	1/20
183–195	B 23 C	1/00
		3/00
196–203	B 23 C	
204–218	B 23 C	1/12
219–227	B 23 D	7/08
228, 229	B 23 C	
230	B 23 C	1/00
231–234	B 23 C	1/00
		3/00
		7/00
235–241	B 23 D	7/00
242	B 23 C	9/00
243, 244	B 23 D	37/00
245, 246	B 23 D	41/08
247, 248	B 23 D	41/00
249	B 23 D	39/00
250–253	B 23 D	41/06
254, 255	B 23 D	39/00
256, 257	B 23 D	41/06
258–262	B 23 D	37/00
263	B 23 D	37/18
264–267	B 23 D	41/04
268	B 23 D	37/00
269–275	B 23 D	41/06
276–279	B 23 D	41/02
		41/06
280–285	B 23 D	41/04
		41/08
286, 287	B 23 D	37/00
288, 289	B 23 D	1/00
		3/00
		5/00
290–292	B 23 D	1/30
		3/06
		5/04
293–303	B 23 D	1/00
		3/00
		5/00
304–307	B 23 D	5/02
308	B 23 D	1/00
		3/00
		5/00
309	B 23 D	5/00
		5/02
310–313	B 23 D	1/00
		3/00
		5/00
314–316	B 23 D	5/00
		5/02
317–320	B 23 D	1/00
		3/00
		5/00
321–325	B 23 D	1/02
		1/04
		1/06
326	B 23 D	3/00
		3/02
		3/04
327–336	B 23 D	1/08
		1/20
		7/04
		7/10
337–338	B 23 D	1/00
		3/00
		5/00
339–342	B 23 D	1/08
		1/20
		7/04
343, 344	B 23 D	1/00
343–344	B 23 D	3/00
		5/00
345, 346	B 23 D	1/04
		1/08
		1/20
347, 348	B 23 D	13/06
U.S. Class 410		
Freight accomodation on freight carrier		
(IPC B 61 D)		
1	B 65 P	1/00
2	B 61 D	3/16
		3/20
3–12	B 60 P	3/06
	B 61 D	3/18
13–18	B 60 P	3/06
		3/08
19–23	B 60 P	3/06
24–29	B 60 P	3/08
24.1	B 60 P	3/07
28.1	B 60 P	3/08
29.1	B 60 P	3/08
30	B 60 P	3/06
	B 60 T	3/00
31	B 60 P	7/06
	B 61 D	3/16
32–42	B 60 P	7/12
	B 61 D	3/16
43	B 60 P	7/06
	B 61 D	3/16
44, 45	B 60 P	3/40
46	B 60 P	7/06
	B 61 D	3/16
47–50	B 60 P	7/12
	B 61 D	3/16
51	B 62 B	1/00
		3/00
52	B 60 P	1/64
	B 63 B	25/00
	B 65 J	1/22
53	B 61 D	3/14
	B 65 J	1/22
54, 55	B 60 P	3/42
	B 61 D	45/00
	B 65 J	1/22
56–65	B 60 P	3/06
	B 65 J	1/22
66, 67	B 60 P	3/06
	B 65 J	1/06
68	B 65 J	1/02
69–85	B 60 P	1/64
	B 63 B	25/00
	B 64 C	1/22
	B 65 J	1/22
86–88	B 60 P	1/64
	B 61 D	45/00
	B 65 J	1/24
89–95	B 60 P	1/64
	B 63 B	25/00
	B 65 J	1/22
96–117	B 61 D	45/00
	B 65 D	63/00
118–120	B 60 D	7/14
	B 61 D	45/00
121	B 61 D	45/00
	B 63 B	25/24
122–153	B 60 D	7/14
	B 61 D	45/00
154, 155	B 61 D	45/00
	B 63 B	25/24
156	B 61 D	45/00
U.S. Class 411		
Expanded, threaded, headed, driven fasteners or locked-coupled bolts–nuts		
(IPC F 16 B)		
1–7	F 16 B	31/00
		33/04
8–14	F 16 B	31/12
15–43	F 16 B	13/04
44–74	F 16 B	13/06
75–80	F 16 B	13/04
81	F 16 B	39/00
82	F 16 B	39/02
83	F 16 B	39/00
84, 85	F 16 B	27/00
86	F 16 B	39/02
87	F 16 B	39/04
		39/20
88	F 16 B	39/10
89	F 16 B	39/32
90	F 16 B	39/02
		39/22
		39/28
91	F 16 B	39/02
		39/22
92	F 16 B	39/02
93–96	F 16 B	39/10
97	F 16 B	39/02
		39/284
		39/34
98–100	F 16 B	39/02
		39/22
101, 102	F 16 B	39/02
103	F 16 B	37/04
		39/00
104	F 16 B	37/00
105	F 16 B	39/00
106	F 16 B	39/22
107	F 16 B	39/00
108	F 16 B	37/04
109	F 16 B	37/12
110	F 16 B	39/28
111, 112	F 16 B	39/284
113	F 16 B	39/28
		39/34
114, 115	F 16 B	39/32
116, 117	F 16 B	39/10
118	F 16 B	39/20
119–124	F 16 B	39/10
125–128	F 16 B	39/32
129–131	F 16 B	39/10
132	F 16 B	39/24
133	F 16 B	39/28
134	F 16 B	35/04
		37/04
		39/00
135	F 16 B	39/00
136, 137	F 16 B	39/24
138	F 16 B	39/32
139	F 16 B	39/24
140	F 16 B	39/28
141	F 16 B	39/32
142	F 16 B	39/28
143–146	F 16 B	39/282
147–165	F 16 B	39/24
166	F 16 B	39/00
		39/28
		39/282
167	F 16 B	39/28
		39/30
168	F 16 B	35/04
169, 170	F 16 B	39/00
171	F 16 B	37/06
172–175	F 16 B	37/02
		37/04
176	F 16 B	39/00
177	F 16 B	37/04
178	F 16 B	37/12
179–183	F 16 B	37/04
184, 185	F 16 B	39/28
186	F 16 B	39/284
187, 188	F 16 B	39/282
189	F 16 B	39/284
190	F 16 B	39/00
191, 192	F 16 B	39/282
193, 194	F 16 B	39/284
195, 196	F 16 B	39/28
197–201	F 16 B	39/10
202, 203	F 16 B	39/284
204	F 16 B	39/10
205	F 16 B	39/04
206–208	F 16 B	39/30
209	F 16 B	39/04
210, 211	F 16 B	39/30
212–215	F 16 B	39/04
216–220	F 16 B	39/06
221	F 16 B	39/04
222–242	F 16 B	39/12
243–245	F 16 B	39/16
246	F 16 B	39/22
247–249	F 16 B	39/284
250–252	F 16 B	37/12
253–256	F 16 B	39/10
257, 258	F 16 B	39/00
259	F 16 B	39/02
		39/22
		39/28
260	F 16 B	39/10
		39/26
261	F 16 B	39/26
262	F 16 B	37/12
263, 264	F 16 B	39/28
265–270	F 16 B	39/36
271	F 16 B	39/02
272–275	F 16 B	39/22
276–291	F 16 B	39/22
		39/28
292–295	F 16 B	39/04
296–299	F 16 B	39/22
300	F 16 B	39/04
301	F 16 B	39/22
302–304	F 16 B	39/34
305	F 16 B	39/22
306	F 16 B	39/284
307–311	F 16 B	39/30
312	F 16 B	39/22
313	F 16 B	39/34
314	F 16 B	39/284
315–320	F 16 B	39/04
321–323	F 16 B	39/06
324	F 16 B	39/284
325	F 16 B	39/02
326–331	F 16 B	39/32
332	F 16 B	39/28
333	F 16 B	39/284
334–336	F 16 B	39/02
337	E 01 B	9/12
	F 16 B	21/00
338–351	F 16 B	21/00
352, 353	F 16 B	21/18
354, 355	F 16 B	19/00
356–359	F 16 B	15/00
360–364	F 16 B	19/00
365	F 16 B	33/00
366	F 16 B	35/00
367–369	F 16 B	33/00
370	F 16 B	35/00
371–377	A 47 G	3/00
	F 16 B	19/00
		33/00
		43/00
378	E 01 B	9/10
	F 16 B	33/00
		35/00
		43/00
379–382	F 16 B	35/00
383–385	F 16 B	35/02
386, 387	F 16 B	25/00
388–395	F 16 B	35/00
396–399	F 16 B	23/00
		35/06
400	F 16 B	23/00
		45/00
401–410	F 16 B	23/00
		35/06
411–426	F 16 B	35/04
427, 428	F 16 B	37/00
429–431	F 16 B	37/14
432–434	F 16 B	37/08
435–437	F 16 B	37/16
438	F 16 B	37/12
439	A 43 B	23/20
	B 43 M	15/00
	E 01 B	9/06
	F 16 B	15/00
440	F 16 B	15/00
		19/14
441	F 16 B	15/00
442–445	F 16 B	15/08
446–448	F 16 B	15/00
449	F 16 B	15/04
450–455	F 16 B	15/08
456	F 16 B	15/06
457–472	F 16 B	15/00
473	F 16 B	15/02
474–478	F 16 B	15/00
479	E 04 B	1/48
	F 16 B	15/00
480–486	F 16 B	15/02
487–499	F 16 B	15/00
500	F 16 B	19/04
501–503	F 16 B	19/08
504	F 16 B	19/06
505	F 16 B	19/06
		35/00
506, 507	F 16 B	19/06
508–510	F 16 B	19/00
511	E 01 B	9/12
	F 16 B	21/00
512	F 16 B	21/00
513–515	F 16 B	21/14
516–530	F 16 B	21/18
531–536	F 16 B	43/00
537–547	F 16 B	43/02
548	F 16 B	
549–555	F 16 B	21/00
900–909	F 16 B	
910, 911	F 16 B	41/00
912	F 16 B	
U.S. Class 412		
BOOKBINDING: PROCESS AND APPARATUS		
(IPC B 42 C)		
1	B 42 B	
	B 42 C	
2	B 42 C	9/00
3	B 42 C	7/00
4, 5	B 42 C	11/00
6	B 42 B	
7	B 42 B	5/08
8	B 42 C	9/00
9	B 42 B	
	B 42 C	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 412—Con.		
10–14	B 42 C	13/04
15	B 42 C	17/00
16	B 42 C	19/12
17	B 42 C	7/00
18	B 42 C	11/00
19	B 42 C	11/02
20	B 42 C	11/08
21	B 42 C	11/04
22	B 42 C	13/00
23	B 42 C	13/02
24, 25	B 42 C	5/00
26, 27	B 42 C	9/02
28	B 42 C	9/08
29	B 42 C	5/08
30	B 42 C	5/02
31	B 42 C	9/02
32	B 42 C	6/00
33	B 42 B	5/00
34	B 42 B	5/06
35	B 42 B	2/00
36	B 42 B	5/04
37	B 42 C	9/00
38	B 42 B	5/08
39	B 42 B	5/10
40	B 42 B	5/107
41	B 42 B	5/113
42	B 42 B	5/16
43	B 42 B	5/14
900	B 42 B	7/04
901	B 42 B	9/06
902	B 42 B	13/00
U.S. Class 413		
Sheet metal container making		
(IPC B 21 D)		
1	B 21 D	51/26
2–5	B 21 D	51/30
6	B 21 D	51/32
7	B 21 D	51/30
8	B 21 D	51/44
9	B 21 D	51/46
10	B 21 D	51/50
11	B 21 D	51/48
12–17	B 21 D	51/44
18–21	B 21 D	51/46
22	B 21 D	51/42
23, 24	B 21 D	51/50
25	B 21 D	51/44
26–30	B 21 D	51/30
31–41	B 21 D	51/32
42–44	B 21 D	51/30
45–52	B 21 D	51/26
53	B 21 D	51/42
54, 55	B 21 D	51/26
56	B 21 D	51/44
57–65	B 21 D	51/46
66–68	B 21 D	51/44
69–77	B 21 D	51/28
78	B 21 D	51/26
U.S. Class 414		
Material or article handling		
(IPC B 65 G)		
1–8	B 25 J	1/00
		3/00
		15/00
		19/00
	G 21 C	
9	A 47 G	21/00
		21/08
10–12	E 04 G	21/14
13	B 08 B	
14–20	B 23 Q	5/22
14	B 65 H	5/00
21	B 65 G	69/00
	G 01 G	13/00
22	E 21 B	19/00
23	A 01 G	23/02
	B 66 F	11/02
24	B 66 F	11/00
24.5	A 01 D	85/00
		90/00
24.6	A 01 D	90/10
25	A 01 D	85/00
26	A 24 B	1/06
27	B 65 G	57/00
	B 65 J	31/26
28	B 65 G	57/00
	B 65 H	29/00
		31/34
29	B 65 G	57/00
	B 65 H	29/00
30	B 65 G	57/16
	B 65 H	29/00
31	B 65 G	57/22
	B 65 H	29/00
32	B 65 G	57/00
		59/00
	B 65 H	3/00
		29/00
33	B 65 G	57/08
		59/00
	B 65 H	3/00
		29/00
34	B 65 G	57/24
		59/00
	B 65 H	29/00
		30/00
35	B 65 G	57/00
	B 65 H	31/34
36	B 65 G	57/00
	B 65 H	31/38
37	B 65 G	60/00
	B 65 H	29/00
		30/00
38	B 65 G	57/28
	B 65 H	15/00
		15/02
39	B 65 G	57/28
	B 65 H	15/00
40	B 65 G	57/22
		57/28
	B 65 H	15/00
41, 42	B 65 G	57/00
	B 65 H	29/00
43	B 65 G	57/00
	B 65 H	31/28
		31/30
44	B 65 G	57/00
		67/24
	B 65 H	31/28
		31/30
45	B 65 G	57/00
	B 65 H	31/28
		31/30
46–48	B 65 G	57/00
	B 65 H	31/30
49	B 65 G	57/00
	B 65 H	31/28
50	B 65 G	57/00
	B 65 H	31/32
51	B 65 G	57/00
	B 65 H	29/60
52	B 65 G	57/00
	B 65 H	29/00
53	B 65 G	57/00
	B 65 H	29/60
54	B 65 G	57/22
	B 65 H	29/00
		31/00
55, 56	B 65 G	57/081
	B 65 H	29/00
57	B 65 G	57/22
	B 65 H	29/00
58	B 65 G	57/22
	B 65 H	29/00
		31/00
59	B 65 G	57/22
	B 65 H	29/66
60, 61	B 65 G	57/26
	B 65 H	29/00
62	B 65 G	57/22
	B 65 H	29/00
63	B 65 G	57/22
	B 65 H	29/66
64	B 65 G	47/24
		57/22
	B 65 H	29/00
65, 66	B 65 G	57/22
	B 65 H	29/00
		31/12
67	B 65 G	47/24
		57/22
	B 65 H	29/00
68	B 65 G	57/22
	B 65 H	29/00
69	B 65 G	57/02
	B 65 H	29/00
70, 71	B 65 G	57/03
	B 65 H	29/00
72	B 65 G	57/04
	B 65 H	29/32
73	B 65 G	57/04
	B 65 H	29/18
		29/32
74	B 65 G	57/04
	B 65 H	29/30
75	B 65 G	57/04
	B 65 H	29/18
		29/30
76	B 65 G	57/03
	B 65 H	29/26
77	B 65 G	57/03
	B 65 H	29/18
		29/36
78, 79	B 65 G	57/03
	B 65 H	29/18
80	B 65 G	57/03
	B 65 H	29/26
81	B 65 G	57/03
	B 65 H	29/22
		29/36
82, 83	B 65 G	57/03
	B 65 H	29/46
84	B 65 G	57/03
		57/112
	B 65 H	29/46
		29/50
85	B 65 G	57/03
	B 65 H	29/56
86	B 65 G	57/09
	B 65 H	29/00
87	B 65 G	57/09
		57/112
	B 65 H	29/50
88	B 65 G	57/09
		57/112
		57/14
	B 65 H	29/18
89	B 65 G	57/09
	B 65 H	29/00
90	B 65 G	57/09
	B 65 H	29/22
91	B 65 G	57/09
		57/14
	B 65 H	29/18
92	B 65 G	57/30
	B 65 H	29/00
93	B 65 G	57/30
	B 65 H	29/40
94	B 65 G	57/30
	B 65 H	29/42
95, 96	B 65 G	57/30
	B 65 H	29/00
97	B 65 G	57/00
	B 65 H	31/00
98	B 65 G	57/00
	B 65 H	31/10
99, 100	B 65 G	57/00
	B 65 H	31/12
101, 102	B 65 G	57/00
	B 65 H	29/00
103–111	B 65 G	
	B 65 H	27/00
112–131	B 65 G	59/00
	B 65 H	
132	A 24 B	1/06
	B 65 G	57/00
133	B 65 G	57/00
134–136	B 65 G	43/00
		47/34
137–139	B 63 B	27/00
		35/30
	B 65 G	63/00
		67/58
140–145	B 63 B	27/00
		35/30
146	G 21 C	19/00
147–216	B 65 G	25/00
	B 66 C	17/08
	F 23 K	30/00
217–221	B 65 G	
222–226	B 65 H	1/00
227–264	E 04 H	6/00
265	B 65 G	67/00
266–329	B 65 G	1/00
		65/00
330	B 65 G	1/18
331, 332	B 65 G	1/00
333–402	B 65 F	9/00
	B 65 G	67/00
403–410	B 65 B	21/02
		69/00
	B 65 F	30/02
	B 65 G	65/04
		65/34
411–425	B 65 B	21/02
		69/00
	B 65 G	65/04
		65/34
426–430	B 60 B	29/00
	B 65 G	7/00
431	B 65 H	51/00
432	B 65 H	51/26
433	B 65 G	70/00
434–443	B 60 P	1/00
444–457	B 62 B	1/06
458–461	B 60 P	3/00
462	B 60 P	9/00
463–466	B 62 D	43/00
467–494	B 60 P	1/04
	B 62 B	1/00
	B 65 F	3/26
495–497	B 60 P	1/02
498–500	B 60 P	1/64
501–505	B 60 P	1/00
506–559	B 60 P	1/00
	B 65 F	1/00
		3/00
560–563	B 65 G	
	B 66 C	
564–571	B 66 B	17/00
572–585	A 01 D	90/00
	B 65 G	67/02
586–588	B 65 G	25/00
	F 23 K	
589–591	B 66 F	
	F 41 F	9/04
592–674	B 65 G	
	B 66 F	
675	G 06 M	
676	B 25 G	35/00
677	B 65 H	11/00
678	B 63 C	3/00
679	B 65 G	69/00
680–727	B 66 C	23/00
	B 66 F	9/00
	E 02 F	3/00
684.3	B 66 F	11/00
728	B 66 C	23/00
729–741	B 66 C	1/00
		3/00
742–744	B 66 C	23/00
745–748	B 66 F	11/00
749–753	B 65 G	
754–784	B 25 J	
785	B 66 C	3/00
786	B 65 G	
787	B 65 G	
U.S. Class 415		
Rotary kinetic fluid motors or pumps		
(IPC F 01 D)		
1	F 01 D	
	F 03 B	
	F 03 D	
	F 04 D	
2–4	F 03 D	7/00
5	F 01 D	23/00
	F 03 B	9/00
	F 03 D	5/02
	F 04 B	19/16
	F 04 D	23/00
6	F 04 D	23/00
7	F 01 D	25/28
	F 03 D	11/04
	F 04 D	29/60
8	B 63 H	21/26
9	F 01 B	25/16
	F 01 D	21/00
10	F 01 B	25/00
	F 01 D	17/00
		19/00
		21/00
	F 03 B	15/00
	F 03 D	7/00
	F 04 D	15/00
		27/00
11	F 01 B	25/00
	F 03 B	15/00
	F 04 D	15/00
		27/00
12	F 01 D	5/12
		9/02
	F 03 D	7/00
	F 04 D	29/38
13	F 01 B	25/00
	F 01 D	17/00
		19/00
		21/00
	F 03 B	15/00
	F 03 D	7/00
	F 04 D	15/00
		27/00
14	F 01 B	25/00
	F 01 D	21/04
		21/14
	F 03 B	15/00
	F 03 D	7/00
	F 04 D	15/00
		27/00
15	F 01 B	25/00
	F 01 D	17/00
		19/00
		21/00
	F 03 B	15/00
	F 03 D	7/00
	F 04 D	15/00
		27/00
16	F 01 B	25/20
	F 01 D	21/20
	F 03 B	15/18
	F 03 D	7/00
	F 04 D	15/00
		27/00
17, 18	F 01 B	25/00
	F 01 D	17/00
		19/00
		21/00
	F 03 B	15/00
	F 03 D	7/00
	F 04 D	15/00
		27/00
19	F 01 B	27/00
	F 01 D	19/00
20–22	F 01 B	25/02
	F 01 D	17/00
	F 03 B	15/02
	F 03 D	7/00
	F 04 D	15/00
		27/00
23	F 01 B	25/12
	F 01 D	17/02
		17/20

U.S. Class 415—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	F D3 B	15/20
	F 03 D	7/00
24	F D1 B	25/00
	F D1 D	17/00
		19/00
		21/00
	F D3 B	15/14
	F 03 D	7/00
	F D4 D	25/00
		27/00
25	F D1 B	25/00
		25/00
	F 01 D	17/00
	F D3 B	15/00
	F D3 D	7/00
	F 04 D	27/00
26	F 01 B	25/00
	F 01 D	17/00
		19/00
		21/00
	F D3 B	15/00
	F D3 D	7/00
	F D4 D	27/00
27	F 04 D	27/02
28	F D1 B	25/00
	F D1 D	17/00
		19/00
		21/00
	F D3 B	15/00
	F D3 D	7/00
	F D4 D	15/00
		27/00
29	F D1 B	25/00
	F D1 D	17/00
		19/00
		21/00
	F D3 B	15/00
	F D3 D	7/00
30–32	F D1 B	25/06
	F D1 D	17/06
		19/00
		21/02
	F D3 B	15/06
	F D3 D	7/00
	F D4 D	15/00
		27/00
33	F D1 B	25/06
	F D1 D	7/02
	F D3 B	15/06
	F D3 D	7/00
	F D4 D	15/00
		27/00
34, 35	F D1 B	25/06
	F D1 D	17/06
		19/00
		21/02
	F D3 B	15/06
	F D3 D	7/00
	F D4 D	15/00
		27/00
36–46	F D1 B	25/06
	F D1 D	17/06
	F D3 B	15/08
	F D3 D	7/00
	F D4 D	15/00
		27/00
47, 48	F D1 B	25/00
	F D1 D	17/00
		19/02
		21/12
		21/14
	F D3 B	15/00
	F D3 D	7/00
	F D4 D	15/00
		27/00
49, 50	F 01 B	25/02
	F D1 D	17/00
	F D3 B	15/02
	F D3 D	7/00
	F D4 D	15/00
		27/00
51	F D1 B	25/00
	F D1 D	17/00
		19/00
		21/00
52	F 01 D	1/12
	F D3 B	1/00
		3/00
	F 03 D	1/00
		3/00
		5/00
53, 54	F 04 D	5/00
55–59	F D1 D	1/12
	F D3 B	1/00
		3/00
	F D3 D	1/00
		3/00
		5/00
60–69	F 01 D	1/24
		13/00
	F D3 D	3/02
	F 04 D	13/04
		25/16
70	F 01 D	23/00
	F D4 D	11/00
		33/00
71–74	F D1 D	5/00
	F D3 B	3/12
	F D4 D	1/04
		3/02
		17/06
		29/28
75	F 01 D	5/00
	F 03 B	3/12
	F D3 D	11/00
76	F D1 D	1/34
	F D3 B	5/00
77–79	F D1 D	1/04
		5/06
	F D3 B	3/04
	F D3 D	11/00
	F D4 D	3/00
		19/00
		29/32
80	F D1 D	1/18
	F D3 B	1/00
		3/00
81	F D1 D	1/16
	F D3 B	1/50
		3/00
82	F 01 D	1/18
	F 03 B	1/00
		3/00
83–87	F 01 D	1/06
		5/04
	F 03 D	11/00
	F 04 D	1/08
88	F D4 D	1/12
89	F 04 D	1/14
90	F 01 D	1/36
	F 03 B	5/00
91	F 01 D	1/04
		5/06
	F 03 B	3/04
	F 03 D	11/00
	F 04 D	3/00
		19/00
		29/32
92	F D1 D	1/00
	F D3 B	11/00
	F D3 D	11/00
93–103	F D1 D	3/02
104–107	F D1 D	3/00
		3/04
108	F 01 D	25/26
109–113	F D1 D	11/00
		25/16
	F D3 B	11/00
	F D3 D	11/00
	F D4 D	29/08
	F 16 J	15/00
114	F 01 B	3/22
	F 01 D	25/08
	F D3 B	11/00
	F D4 D	29/58
115	F D1 D	5/14
		21/00
116	F 04 D	31/00
117	F 01 D	1/00
118	F D1 B	25/26
	F 01 D	25/00
	F 03 B	11/00
	F 03 D	11/00
	F 04 D	29/00
119	F D1 D	5/10
		5/16
		5/26
		25/04
	F D3 B	11/04
	F D3 D	11/00
	F D4 D	29/66
120	F 01 D	1/06
		1/14
		1/28
		5/04
	F 04 D	1/02
		17/02
		29/00
121	F 01 D	15/00
	F D3 B	13/00
	F 03 D	9/00
	F D4 D	29/70
122, 123	F D1 D	15/12
	F 03 D	11/02
124	F 04 D	25/02
125	F 01 D	7/00
	F D3 B	3/06
		3/14
		3/18
	F D3 D	11/00
	F 04 D	29/36
		29/46
		29/54
126, 128	F D4 D	29/40
126–128	F 01 D	25/24
	F 03 B	11/02
	F 03 D	11/00
129–133	F D1 D	5/02
		7/00
	F 03 B	1/02
		3/06
		3/12
	F 03 D	11/00
		29/18
		29/26
134–139	F 01 D	25/26
	F 03 D	11/00
	F 2B F	7/00
140, 141	F 01 D	5/02
		5/30
	F 03 B	1/02
		3/12
	F 03 D	11/00
	F 04 D	29/18
		29/26
142	F 01 D	25/16
	F 03 B	11/06
	F D3 D	11/00
	F D4 D	29/04
143	F D1 D	13/00
	F D3 B	15/00
	F D4 D	1/10
		13/12
		17/14
144, 145	F 01 B	25/00
	F 01 D	13/02
		17/00
	F D3 D	7/00
	F D4 D	27/00
146, 147	F D1 B	25/02
	F 01 D	17/00
	F 03 B	15/06
	F 03 D	7/04
	F D4 D	25/10
148–151	F D1 B	25/02
	F D1 D	17/12
	F D3 B	1/04
		3/18
	F D3 D	7/00
	F D4 D	15/00
		27/00
152–154	F 01 D	1/30
155–167	F 01 B	25/02
	F D1 D	17/12
	F 03 B	1/04
		3/18
	F D3 D	7/00
	F 04 D	15/00
		27/00
		29/44
		29/56
168, 169	F D1 D	25/32
	F 03 B	11/00
	F D3 D	11/00
		11/00
	F 04 D	29/08
170, 171	F 01 D	11/08
	F 03 B	11/00
	F 03 D	11/00
	F D4 D	29/08
172, 173	F 01 D	5/20
	F 03 B	11/00
	F 03 D	11/00
	F D4 D	29/08
174	F D1 D	11/08
	F 03 B	11/00
	F D3 D	11/00
	F 04 D	29/08
175, 176	F 01 D	5/08
		5/18
		11/00
		25/08
		25/16
		25/18
	F 03 B	11/00
	F D3 D	11/00
	F 04 D	29/04
		29/08
		29/58
177–180	F 01 D	5/08
		5/18
		25/08
	F 03 B	11/00
	F 04 D	29/58
181	F 01 D	1/02
		1/10
		9/00
	F D3 B	1/04
		3/16
	F 04 D	21/00
182–196	F 01 D	1/02
		9/00
	F 03 B	1/04
		3/16
	F 03 D	1/04
		3/04
		11/00
	F 04 D	29/44
		29/54
197	F D1 D	1/02
		9/00
	F D3 B	1/04
		3/16
	F D3 D	1/04
		3/04
		11/00
	F 04 D	7/00
		29/02
198.1–211	F D1 D	1/02
		9/00
	F D3 B	1/04
		3/16
	F D3 D	1/04
		3/04
		11/00
	F 04 D	29/44
		29/56
212	F D1 D	1/02
		9/02
	F D3 B	1/04
		3/16
	F D3 D	1/04
		3/04
		11/00
	F 04 D	29/08
		29/44
		29/54
213–215	F D4 D	7/00
		29/02
216–218	F 01 D	1/02
		9/00
	F D3 B	1/04
		3/16
	F D4 D	29/44
		29/54
219	F D1 D	25/24
	F D3 B	11/02
	F 03 D	11/00
	F D4 D	29/40
500	F 03 B	3/10
501	F D3 B	13/02
	F D4 D	13/10
502	F D3 B	13/02
503	F 03 B	13/04

U.S. Class 416

Fluid reaction surfaces,i.e., impellers

(IPC F 03 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 63 H	
	B 64 C	11/00
		27/00
	F 03 D	
2	B 63 H	1/00
		3/00
		5/00
		7/00
	B 64 C	11/00
		27/00
	F D1 D	5/00
		25/00
	F 03 B	3/12
	F D3 D	11/00
	F 04 D	29/00
3	F D3 G	7/00
4	B 63 H	9/02
	B 64 C	23/08
	F D1 D	1/36
	F 03 B	5/00
5	F D1 D	25/00
	F 03 D	11/00
	F 04 D	29/00
6	F D1 D	5/00
		7/00
	F 03 B	7/00
	F 03 D	
7, 8	B 63 H	1/34
	F D1 D	23/00
	F 03 B	9/00
	F D3 D	5/02
9–17	F 03 B	7/00
		9/00
	F 03 D	
18	B 63 H	1/06
		3/00
	B 64 C	11/30
	F D1 D	7/00
		19/00
		21/00
	F D3 B	7/00
	F D3 D	
		9/00
19	B 63 H	1/00
		3/00
		5/00
	B 64 C	11/00
	F D1 D	5/00
		7/00
	F D3 B	3/12
		7/00
	F 03 D	
	F 04 D	29/18
		29/26
20–22	B 63 H	11/00
	B 64 C	15/02
		27/18
	F 01 D	5/00
	F 03 B	3/12
	F 04 D	29/18

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 416—Con.		
		29/26
23, 24	B 64 C	9/00
		11/28
	F 01 D	5/00
	F 03 B	3/12
	F 03 D	
	F 04 D	29/18
		29/26
25–30	B 63 H	3/10
	B 64 C	11/30
	F 01 D	7/00
	F 04 D	29/18
		29/26
31–53	B 63 H	3/00
		5/12
	B 64 C	11/34
		11/40
		11/50
		27/00
	F 01 D	7/00
	F 03 B	7/00
	F 03 D	
	F 04 D	29/18
		29/26
54–59	F 01 B	23/00
	F 01 D	15/00
	F 03 B	13/00
	F 04 D	29/00
60	D 05 B	81/00
61–63	B 63 H	1/00
		3/00
		5/00
		7/00
	B 64 C	11/00
		27/00
	F 01 D	5/00
		25/00
	F 03 B	3/12
	F 03 D	
	F 04 D	29/00
64–68	F 03 D	5/04
69–73	A 01 M	3/02
	A 45 B	27/00
	A 47 J	43/10
		43/27
74	B 63 H	16/06
75	A 45 B	27/02
	A 47 J	43/10
		43/27
76, 77	A 47 J	43/10
		43/27
78	B 63 H	5/02
79–83	F 03 D	5/06
84–86	B 63 H	1/38
	F 03 B	7/00
	F 03 D	
87–89	B 63 H	1/06
		1/22
	B 64 C	11/06
		11/28
		11/30
		27/37
		27/72
	F 01 D	7/00
	F 03 B	3/14
		7/00
	F 03 D	
	F 04 D	29/18
		29/26
90–92	B 64 C	11/24
	F 01 D	5/18
	F 03 B	3/12
	F 03 D	11/02
	F 04 D	29/38
93	B 63 H	1/28
	F 01 D	5/00
	F 03 B	3/12
	F 03 D	1/06
94	B 64 C	11/14
95–97	B 63 H	1/14
		7/02
	B 64 C	11/00
	F 01 D	5/08
		5/18
	F 03 D	11/02
	F 04 D	29/58
98	B 63 H	3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
99	B 63 H	3/00
	B 64 C	11/06
		11/30
		11/46
		27/10
		27/32
		27/52
		27/54
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
100, 101	B 63 H	3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
102	B 63 H	3/00
	B 64 C	11/06
		11/30
		27/52
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
103	B 64 C	27/42
108–119	B 63 H	3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
120–123	B 63 H	5/08
	B 64 C	11/46
		27/08
	F 01 D	1/24
	F 03 D	1/02
	F 04 D	29/18
		29/26
124–129	B 63 H	5/10
	B 64 C	11/48
		27/10
	F 01 D	1/24
	F 03 D	1/02
	F 04 D	29/18
		29/26
130	B 63 H	5/08
	B 64 C	11/46
		27/08
		27/80
	F 01 D	1/24
	F 03 D	1/02
	F 04 D	29/18
		29/26
131–143	B 63 H	1/06
		5/12
	B 64 C	11/12
		11/28
		27/50
	F 01 D	5/00
	F 03 D	3/12
	F 04 D	29/18
		29/26
144, 145	B 63 H	1/00
		3/00
		5/00
		7/00
	B 64 C	11/00
		27/00
	F 01 D	5/00
		25/00
	F 03 B	3/12
	F 03 D	
	F 04 D	29/00
146	A 47 C	7/74
		21/04
	B 63 H	1/00
		3/00
		5/00
		7/00
		13/00
		15/00
	B 64 C	11/00
		27/00
	F 01 D	25/00
	F 03 B	3/12
	F 03 D	9/00
	F 04 D	29/00
147	B 63 H	1/06
		3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
148	B 63 H	1/06
		3/00
	B 64 C	27/52
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
149–153	B 63 H	1/06
		3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
154	B 63 H	1/06
		3/08
	B 64 C	11/38
		27/64
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
155	B 63 H	1/06
		3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
156–158	B 63 H	1/06
		3/08
		27/64
	B 64 C	11/38
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
159–168	B 63 H	1/06
		3/00
	B 64 C	11/06
		11/30
		27/00
	F 01 D	7/00
	F 03 B	3/14
	F 03 D	
	F 04 D	29/36
169–172	A 47 C	7/74
		21/04
	B 63 H	1/00
		3/00
		5/00
		7/00
		13/00
		15/00
	B 64 C	11/00
		27/00
	F 01 D	25/00
	F 03 B	3/12
	F 03 D	
	F 04 D	29/00
173	B 63 H	16/00
174	B 63 H	1/00
		3/00
		5/00
		7/00
	B 64 C	11/00
		27/00
	F 01 D	11/00
		25/16
		25/18
	F 03 D	11/00
	F 04 D	29/04
		29/08
175	B 63 H	1/00
		5/02
		5/08
		13/00
		15/00
	B 64 C	11/00
		27/08
		27/32
		27/82
	F 01 D	1/24
	F 03 D	
	F 04 D	13/12
		29/00
176	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/14
	F 03 B	3/12
		7/00
	F 03 D	11/00
	F 04 D	29/38
177	B 63 H	1/16
		7/02
	B 64 C	11/00
		27/20
	F 01 D	5/22
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38
178	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/14
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38
179–189	B 63 H	1/16
		7/02
	B 64 C	11/00
		27/20
	F 01 D	5/22
	F 03 B	3/12
		7/00
	F 03 D	11/00
	F 04 D	29/38
190	B 63 C	1/28
	B 64 C	11/16
	F 01 D	5/10
		5/26
		25/04
	F 03 B	3/12
		11/04
	F 03 D	11/00
	F 04 D	29/66
191–193	B 63 H	1/16
		7/02
	B 64 C	11/00
		27/20
	F 01 D	5/22
	F 03 B	3/12
		7/00
	F 03 D	11/00
	F 04 D	29/38
194–196	B 63 H	1/14
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/22
		25/04
	F 03 B	3/12
		11/04
	F 03 D	11/00
	F 04 D	29/66
197	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/14
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38
198–201	B 63 H	1/00
		5/02
		5/08
		13/00
		15/00
	B 64 C	11/00
		27/08
		27/32
		27/82
	F 01 D	1/24
	F 03 B	
	F 03 D	
	F 04 D	13/12
		29/00
202–203	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/30
	F 03 B	3/12
	F 03 D	11/00
	F 04 D	29/34
204	B 63 H	1/20
		5/00
		13/00
		15/00
	B 64 C	11/04
		27/48
	F 01 D	5/30
	F 03 B	3/12
	F 03 D	11/00
	F 04 D	29/34
205–209	B 63 H	1/20
		5/00
		13/00
		15/00
	B 64 C	11/06
		11/08
		27/48
	F 01 D	5/30
	F 03 B	3/14
	F 03 D	11/00
	F 04 D	29/36
210–222	B 63 H	1/20
		5/00
		13/00
		15/00
	B 64 C	11/04
		27/48
	F 01 D	5/30
	F 03 B	3/12
	F 03 D	11/00
	F 04 D	29/34
223–231	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/14
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38

U.S. Class 416—Con.

U.S. Subclass	IPC Subclass	IPC Notation
232, 233	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/24
		27/46
	F 01 D	5/18
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38
234–243	B 63 H	1/26
		5/06
		7/02
	B 64 C	11/16
		27/46
	F 01 D	5/14
	F 03 B	3/12
		7/00
	F 03 D	11/02
	F 04 D	29/38
244–246	B 63 H	1/28
		5/00
		7/00
		13/00
		15/00
	B 64 C	11/14
		27/32
	F 01 D	5/00
		25/00
	F 03 B	1/02
		3/12
		7/00
		11/00
	F 03 D	11/00
	F 04 D	29/18
		29/26
		29/66
247	B 63 H	1/00
		5/00
		7/00
		13/00
		15/00
	B 64 C	11/00
		27/00
	F 01 D	25/00
	F 03 B	
	F 03 D	
	F 04 D	29/70
248	B 63 H	1/20
		5/00
		13/00
		15/00
	B 64 C	11/04
		27/48
	F 01 D	5/30
	F 03 B	3/12
		11/00
	F 04 D	29/34
500	B 63 C	1/28
	B 64 C	11/16
		27/51
	F 01 D	5/10
		5/26
		25/04
	F 03 B	3/12
		11/04
	F 03 D	11/00
	F 04 D	29/66
501	A 01 M	3/02

U.S. Class 417

Pumps

(IPC F 04 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 04 B	49/00
2–8	F 04 B	41/06
9	F 04 B	49/10
10	F 04 B	49/02
11	F 04 B	31/00
		49/00
12	F 04 B	49/00
13	F 04 B	49/10
14–31	F 04 B	49/00
32	F 04 B	49/10
33–39	F 04 B	49/00
40	F 04 B	49/04
41–43	F 04 B	49/00
44, 45	F 04 B	49/06
46, 47	F 04 B	49/00
48, 49	F 04 B	37/02
	F 04 F	11/00
50	H 02 K	44/00
		44/08
51	F 04 B	37/02
52	F 04 B	19/24
53	F 04 B	
54, 55	F 04 F	
56–60	F 04 B	47/12
61	F 04 B	21/00
62	F 04 B	23/04
63	F 04 B	21/00
64	F 04 F	11/00
65	F 04 F	
66, 67	F 04 F	11/00
68, 69	F 04 C	19/00
70–72	F 04 F	11/00
73–75	F 04 F	1/16
76–79	F 04 B	23/04
80–84	F 04 B	23/08
85, 86	F 04 B	23/14
92–104	F 04 F	11/00
105–107	F 04 F	1/04
		3/00
108–117	F 04 F	1/18
118–147	F 04 F	1/06
		3/00
148	F 04 F	3/00
149	F 04 F	1/02
150	F 04 F	3/00
151	F 04 F	5/00
152–154	F 04 F	9/00
155, 156	F 04 F	5/16
157	F 04 F	5/16
		5/48
158, 159	F 04 F	9/00
160	F 04 F	5/44
161	F 04 F	5/00
162	F 04 F	5/48
163–170	F 04 F	5/22
171	F 04 F	5/42
172–178	F 04 F	5/00
179, 180	F 04 F	5/46
181	F 04 F	5/44
182–193	F 04 F	5/48
194	F 04 F	5/00
195	F 04 F	5/36
196	F 04 F	5/44
197	F 04 F	5/00
198	F 04 F	5/44
199	F 04 B	23/08
200	F 04 D	9/00
201–203	F 04 B	23/14
204	F 04 B	23/10
205	F 04 B	23/08
206	F 04 B	23/12
207–209	F 04 B	19/24
	F 04 F	1/18
210	F 04 B	47/14
211	F 04 B	19/00
211.5–218	F 04 B	49/00
219	F 04 B	1/06
220	F 04 B	49/00
221	F 04 B	1/06
222	F 04 B	1/26
223, 204	F 04 B	49/00
225	F 04 B	17/00
		35/00
226, 227	F 04 F	7/02
228	F 04 B	39/04
		39/06
229, 230	F 04 B	9/00
		35/00
231–233	F 04 B	17/06
		35/06
234, 235	F 04 B	21/00
236	F 04 B	41/00
237	F 04 B	41/04
238, 239	F 04 B	19/00
		37/00
240, 241	F 04 F	7/00
242	F 04 B	49/00
243	F 04 B	23/00
		25/00
244–268	F 04 B	3/00
		5/00
		25/00
269	F 04 B	1/12
		27/03
271, 272	F 04 B	1/00
		27/00
273	F 04 B	1/04
		27/04
274–311	F 04 B	49/00
312, 313	F 04 B	21/00
		39/00
314, 315	F 04 B	19/00
		37/00
316–318	F 04 B	9/00
		17/00
		35/00
319	F 04 B	9/00
		35/00
320	F 04 B	19/14
321	F 01 B	23/08
	F 04 B	17/00
		35/00
322–333	F 04 B	17/00
		35/00
334–336	F 04 B	17/00
		17/02
		35/00
337–339	F 04 B	17/00
		35/00
340	F 04 B	31/00
341–352	F 04 B	17/00
		35/00
353, 354	F 04 B	17/00
		35/04
355	F 04 B	17/00
		35/00
356, 357	F 04 B	17/00
		35/04
358	F 04 B	47/10
359–365	F 04 B	17/00
		35/00
366	F 04 B	17/00
		35/00
		39/02
		39/06
367	F 04 B	17/00
		35/00
		39/06
368–373	F 04 B	17/00
		35/00
		39/02
		39/06
374	F 04 B	9/14
		17/00
		35/00
375	F 04 B	17/00
		35/00
		47/08
376	F 04 B	17/00
377	F 04 B	17/00
		35/00
378	F 04 B	9/08
		35/02
379–382	F 04 B	17/00
		35/00
383	F 04 B	9/08
		35/02
384	F 04 B	9/12
		35/02
385–389	F 04 B	9/08
		35/02
390	F 04 B	9/08
		17/00
		35/00
391–393	F 04 B	17/00
		35/00
394	F 04 B	43/10
		45/00
395	F 04 B	43/06
		45/00
396–409	F 04 B	17/00
		35/00
410, 411	F 04 B	17/00
		35/04
412	F 04 B	43/00
		45/00
414, 415	F 04 B	17/00
		35/04
416–418	F 04 B	17/04
		35/04
419–424	F 04 B	17/00
		35/04
425	F 04 B	9/14
		17/00
		35/00
426–429	F 04 B	23/04
		41/06
430–435	F 04 B	21/00
		39/00
436	F 04 B	19/00
437	F 04 B	
438	F 04 B	39/06
439	F 04 B	21/00
		39/00
440, 441	F 04 B	23/00
		41/00
442	F 04 B	21/00
		39/00
443–446	F 04 B	7/00
447	F 04 B	21/00
		39/00
448–453	F 04 B	47/00
454–459	F 04 B	21/00
		39/00
460–469	F 04 B	19/02
		29/00
470, 471	F 04 B	19/00
		37/00
472, 473	F 04 B	43/00
		45/02
474–477	F 04 B	43/08
		43/12
		45/06
478	F 04 B	43/08
		45/06
479, 480	F 04 B	43/00
481–484	F 04 C	21/00
485	F 04 B	23/00
		41/00
486–488	F 04 B	19/00
		37/00
489–491	F 04 B	7/04
		39/10
492	F 04 B	7/06
		39/10
493–499	F 04 B	7/04
		39/10
500	F 04 B	7/06
		39/10
501	F 04 B	7/04
		39/10
502, 503	F 04 B	23/00
		41/00
504	F 04 B	49/00
505, 506	F 04 B	7/00
		39/08
507, 508	F 04 B	7/02
		39/08
509	F 04 B	7/04
		39/10
510–520	F 04 B	7/00
521, 522	F 04 B	23/04
		41/06
523–528	F 04 B	21/04
529	F 04 B	21/04
		23/04
530	F 04 B	21/04
531, 532	F 04 B	21/02
		39/10
533	F 04 B	23/04
		41/06
534–538	F 04 B	21/02
		39/10
539–544	F 04 B	11/00
545–554	F 04 B	21/04
		39/10
555, 556	F 04 B	21/02
		39/10
557	F 04 B	21/00
		39/00
558–571	F 04 B	21/02
		39/10
572	F 04 B	21/00
		39/00
900	F 04 B	15/02
901	F 04 B	15/08
902	F 04 B	17/00
		35/00
903	F 04 B	9/02

U.S. Class 418

Rotary expansible chamber devices

(IPC F 01 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	F 01 C	
	F 03 C	2/00
		4/00
	F 04 C	
		2/00
	F 16 N	13/20
2	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		29/00
	F 16 N	13/20
3	F 01 C	1/30
		11/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
4	F 01 C	5/00
	F 01 D	23/00
	F 03 C	5/00
	F 04 C	15/00
		29/00
5–13	F 01 C	1/30
		11/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		11/00
		13/00
		23/00
14	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
15	F 01 C	
	F 03 C	2/00
		4/00
	F 04 C	
		2/00
	F 16 N	13/20
16–32	F 01 C	21/16
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/04
		29/10
33–38	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
39	F 01 C	13/00
		21/00
	F 03 C	2/00
39000	F 03 C	4/00
39	F 04 C	2/00
		15/00
		29/00
40–44	F 01 C	21/12
	F 03 C	2/00
		4/00
	F 04 C	2/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 418—Con.		
		15/02
		29/08
45	F 01 C	5/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		5/00
		18/00
	F 16 N	13/20
46, 47	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
	F 16 N	13/20
48	F 01 C	1/10
		5/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		5/00
		18/00
	F 16 N	13/20
49–67	F 01 C	1/02
		1/063
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
		18/00
	F 16 N	13/20
68	F 01 C	3/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		3/00
		18/00
69–82	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
83–102	F 01 C	21/04
		21/06
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/02
		29/02
		29/04
103	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
104–111	F 01 C	19/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/00
112–129	F 01 C	19/02
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/00
130–135	F 01 C	19/08
		19/10
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/00
136–149	F 01 C	19/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/00
150	F 01 C	
	F 03 C	2/00
		4/00
	F 04 C	
		2/00
151, 152	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
153–156	F 01 C	5/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		5/00
		29/00
157, 158	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
159	F 01 C	21/12
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/02
		29/08
160–165	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
166–171	F 01 C	1/10
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
172–177	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
178–180	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
181	F 01 C	13/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		13/00
		25/00
182	F 01 C	17/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
189–190	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		27/00
191–198	F 01 C	1/08
		1/24
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
		18/00
	F 16 N	13/20
199, 200	F 01 C	11/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		11/00
		23/00
201–203	F 01 C	1/16
		1/24
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
204	F 01 C	1/24
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
205, 206	F 01 C	1/18
		1/24
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
	F 16 N	13/20
207	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
208	F 01 C	1/00
		11/00
	F 03 C	2/00
		4/00
	F 04 C	1/00
		2/00
		11/00
		18/00
		23/00
209–214	F 01 C	11/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
215–219	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
220	F 01 C	21/08
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
221, 222	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
223, 224	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
225–234	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
235	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
236–238	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
239	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
240–251	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
252	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00
253–269	F 01 C	1/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		18/00
270	F 01 C	21/00
	F 03 C	2/00
		4/00
	F 04 C	2/00
		15/00
		29/00

U.S. Class 419

Powder metallurgy : processes

(IPC B 22 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 22 F	
	C 22 C	1/04
		33/02
2	B 22 F	
3	B 22 F	5/00
4	B 22 F	
5–9	B 22 F	7/00
		7/02
		7/04
		7/06
10–26	B 22 F	
	C 22 C	32/00
27	B 22 F	3/26
28	B 22 F	3/24
29	C 21 D	1/00
30–43	B 22 F	1/00
		1/02
44, 45	B 22 F	
46	B 22 F	
	C 22 C	1/04
		1/06
		33/02
47–69	B 22 F	

U.S. Class 420

Nonferrous alloys or metallic compositions

(IPC C 22 C)

U.S. Subclass	IPC Subclass	IPC Notation
400	C 22 C	24/00
401	C 22 C	25/00
402–404	C 22 C	23/00
405, 406	C 22 C	23/06
407	C 22 C	23/02
408, 409	C 22 C	23/02
		23/04
410	C 22 C	23/02
411, 412	C 22 C	23/04
413, 414	C 22 C	23/00
415	C 22 C	24/00
416	C 22 C	28/00
417–421	C 22 C	14/00
422, 423	C 22 C	16/00
		27/00
424–427	C 22 C	27/02
428	C 22 C	27/06
429, 430	C 22 C	27/04
431	C 22 C	27/04
432	C 22 C	27/00
		32/00
433	C 22 C	28/00
434	C 22 C	22/00
435–440	C 22 C	19/07
441	C 22 C	19/03
442–454	C 22 C	19/05
455–460	C 22 C	19/03
461–468	C 22 C	5/04
469	C 22 C	9/00
470	C 22 C	9/02
471	C 22 C	9/01
		9/02
472	C 22 C	9/02
473	C 22 C	9/02
		9/04
		9/05
474	C 22 C	9/02
		9/08
475	C 22 C	9/02
		9/04
		9/08
476	C 22 C	9/02
		9/04
477	C 22 C	9/04
478	C 22 C	9/01
		9/04
479	C 22 C	9/01
		9/04
		9/06
480	C 22 C	9/01
		9/04
		9/05
481, 482	C 22 C	9/04
		9/06
483, 484	C 22 C	9/04
485	C 22 C	9/06
486	C 22 C	9/01
		9/06
487	C 22 C	9/05
		9/06
488	C 22 C	9/06
489	C 22 C	9/00
		9/01
490	C 22 C	9/10
491	C 22 C	9/08
492	C 22 C	9/00
493	C 22 C	9/05
494, 495	C 22 C	9/00
496	C 22 C	9/00
		9/06
497–500	C 22 C	9/00
501	C 22 C	5/06
502, 503	C 22 C	5/08
504	C 22 C	5/08
		5/10
505	C 22 C	5/06
506	C 22 C	5/10
507–512	C 22 C	5/02
513	C 22 C	18/00
514	C 22 C	18/04
515–518	C 22 C	18/02
		18/04
519, 520	C 22 C	18/04
521, 522	C 22 C	18/02
523, 524	C 22 C	18/00
525	C 22 C	20/00
526, 527	C 22 C	7/00
528	C 22 C	21/00
529, 530	C 22 C	21/12
531	C 22 C	21/10
		21/18
532	C 22 C	21/06
		21/10
		21/18
533	C 22 C	21/06
		21/16
534–536	C 22 C	21/08
		21/16
537	C 22 C	21/04
		21/14
538, 539	C 22 C	21/12
540	C 22 C	21/10
541	C 22 C	21/06
		21/10
542, 543	C 22 C	21/06
544	C 22 C	21/04
		21/08
545	C 22 C	21/06
546	C 22 C	21/04
		21/08
547	C 22 C	21/06
548	C 22 C	21/02
549	C 22 C	21/04
550–554	C 22 C	21/00
555, 556	C 22 C	28/00
557, 558	C 22 C	13/00
559	C 22 C	13/02
560	C 22 C	13/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 420—Con.		
561, 562	C 22 C	13/02
563	C 22 C	11/00
564	C 22 C	11/02
565	C 22 C	11/02
566, 567	C 22 C	11/00
		11/06
568	C 22 C	11/06
569	C 22 C	11/06
		11/10
570	C 22 C	11/06
571	C 22 C	11/06
		11/10
572	C 22 C	11/08
573	C 22 C	11/04
574, 575	C 22 C	11/00
576, 577	C 22 C	12/00
578	C 22 C	29/00
		35/00
579	C 22 C	28/00
580, 581	C 22 C	30/00
582	C 22 C	30/02
583–586	C 22 C	30/00
587	C 22 C	30/02
588	C 22 C	30/00
589	C 22 C	30/04
590	C 22 C	1/00
900	C 01 B	6/24
	C 22 C	
901	C 22 C	
	H 01 B	1/02
		12/00
902, 903	C 22 C	

U.S. Class 422

Process disinfecting,deodorizing,preserving,sterilizing; Chemical apparatu

(IPC B 01 –)

1	A 01 N	
	A 61 L	2/00
		9/00
		11/00
	C 23 F	11/00
2	A 61 L	2/00
3	G 05 B	
4, 5	A 61 L	9/00
6	B 08 B	17/00
7, 8	C 23 F	11/00
9, 10	C 23 F	11/02
11	C 23 F	11/00
		11/02
12	C 23 F	11/04
13	C 23 F	11/06
14	C 23 F	11/00
15	C 23 F	11/16
16	C 23 F	11/04
17	C 23 F	11/10
18, 19	C 23 F	11/18
20–25	A 61 L	2/00
26, 27	A 61 L	2/08
28	A 01 N	
	A 61 L	2/00
		9/00
29–32	A 61 L	9/00
33	A 01 N	
34, 35	A 01 N	
36, 37	A 01 N	
38, 39	A 61 L	2/00
40–43	B 01 J	11/18
44–48	A 61 M	1/14
		1/34
		1/36
49	B 01 J	
50	G 01 N	
51	G 01 N	25/20
52	G 01 N	21/52
53	G 01 N	17/00
54	G 01 N	21/54
55	G 01 N	21/00
56–60	G 01 N	1/48
		21/06
		31/22
61	G 01 N	
62–67	G 01 N	21/00
		31/00
		33/00
68	G 01 N	
69	G 01 N	30/96
70	G 01 N	30/02
71	G 01 N	23/06
72	G 01 N	9/30
73	G 01 N	33/16
74	G 01 N	33/04
75	G 01 N	31/16
76, 77	G 01 N	27/02
78–80	G 01 N	31/12
81, 82	G 01 N	21/00
		31/00
		33/00
83	G 01 N	7/00
		21/00
		27/00
		31/00
		33/00
84, 85	G 01 N	1/22
		31/00
86, 87	G 01 J	1/48
88	G 01 N	30/96
89	G 01 N	30/02
90	G 01 N	27/04
91	G 01 N	17/00
92	G 01 N	7/00
93	G 01 N	
94	G 01 N	31/12
95–97	G 01 N	27/16
98	G 01 N	27/00
99	B 01 L	3/00
100	B 01 L	3/02
101	B 01 L	11/00
102	B 01 L	3/00
103	B 01 L	11/00
104	B 01 L	9/00
105	G 05 –	
106	G 05 0	9/00
107, 108	G 05 0	
109	G 05 0	23/00
110, 111	G 05 0	7/00
112, 113	G 05 0	16/00
114	F 16 K	31/00
	G 05 –	
115	F 16 K	17/00
	G 05 0	7/00
116	G 05 B	17/00
117	G 05 B	9/00
118	G 05 B	9/05
119	G 01 0	11/26
	G 01 N	1/00
	G 08 –	
120–126	A 62 B	7/08
127, 128	B 01 J	1/12
	B 06 B	7/00
129	B 01 J	10/00
		10/02
		12/00
		12/02
		14/00
		15/00
		16/00
		19/00
	C 01 –	
	C 07 –	
130	B 01 –	
131–138	C 08 –	
139–143	B 01 J	8/18
	F 27 B	15/00
144, 145	F 27 B	15/08
146	F 27 B	15/14
		15/16
147	F 27 B	15/08
148	C 01 C	1/00
149	B 01 –	
150–158	C 09 C	1/00
		3/00
159	G 21 –	
160–161	C 01 B	17/48
162	C 01 B	6/00
163	C 01 B	
164–167	B 01 J	1/00
168	B 01 0	50/00
		53/34
	F 01 N	3/00
	F 23 J	5/00
		11/00
169–172	B 01 0	50/00
173–175	F 01 N	3/10
176	F 01 N	3/08
177–181	F 01 N	3/15
182, 183	F 01 N	3/12
184	B 01 J	1/00
185	0 21 C	11/00
186	B 01 J	1/10
		1/12
186.01–186.3	B 01 J	19/08
		19/12
187	B 01 J	8/00
		10/00
188, 189	B 01 J	1/00
		8/04
		10/00
	C 10 G	34/00
190	B 01 J	8/04
191–197	B 01 J	1/00
		8/04
		10/00
	C 10 G	34/00
198, 199	F 28 0	
200, 201	F 28 0	7/00
202–208	F 28 0	21/00
209, 210	B 01 J	8/08
211, 212	B 01 J	8/02
		35/02
213–217	B 01 J	8/08
218	B 01 J	8/02
		35/02
219	B 01 J	8/08
220–222	B 01 J	8/02
		35/02
223	B 01 J	23/90
224–231	B 01 F	
232, 233	B 01 J	8/08
234	B 01 J	8/00
235	F 28 0	7/00
236–239	B 01 J	
240, 241	B 01 J	1/20
242	B 01 J	3/00
243	B 01 0	
244	B 01 0	5/00
		7/00
245–254	B 01 0	9/00
255	B 01 0	
256–260	B 01 0	11/04
261–284	B 01 0	11/02
		12/00
		15/00
285–290	B 01 0	1/00
		3/00
		17/00
291	B 01 –	
292–304	A 61 L	2/00
		9/00
305–306	A 61 L	9/00
	B 01 J	7/00
307–309	B 01 B	
	B 01 0	
	B 01 J	
310–312	B 01 –	
900	B 01 –	
901, 902	B 01 0	
903	G 21 F	
	G 21 G	
	G 21 K	

U.S. Class 423

CHEMISTRY, INORGANIC

(IPC C 01)

1	C 01 B	/00
	C 01 C	/00
	C 01 0	/00
	C 01 F	/00
	C 01 G	/00
	C 22 B	/00
2	C 01 F	13/00
		15/00
	C 01 G	43/00
		56/00
		57/00
3	C 01 G	56/00
		57/00
4–7	C 01 G	56/00
		57/00
	C 22 B	60/02
8–10	B 01 0	11/00
	C 01 G	56/00
		57/00
	C 22 B	60/02
11, 12	C 01 G	56/00
		57/00
	C 22 B	60/02
13	C 01 G	29/00
		56/00
		57/00
	C 22 B	60/02
14	C 01 F	17/00
	C 01 G	56/00
		57/00
	C 22 B	60/02
15	C 01 F	15/00
	C 01 G	43/00
16	C 01 G	1/02
		43/025
17, 18	B 01 0	11/00
	B 01 F	1/00
	C 01 G	43/00
		56/00
		57/00
	C 22 B	60/02
19	C 01 G	43/00
		56/00
		57/00
	C 22 B	60/02
20	B 01 0	11/00
	B 01 F	1/00
	C 01 G	43/00
		56/00
		57/00
	C 22 B	60/02
21.1, 21.5	C 01 F	17/00
22	C 01 G	55/00
	C 22 B	11/00
23	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
24	B 01 0	11/00
		15/04
	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
25	B 01 0	15/00
	B 03 C	1/00
	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
26	B 03 0	1/00
	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
27, 28	B 01 0	11/00
	B 01 F	1/00
	C 01 G	3/00
		5/00
		7/00
	C 22 B	10/00
		15/00
29–31	B 01 0	11/00
	B 01 F	1/00
	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/08
		15/00
32, 33	B 01 0	11/00
	B 01 F	1/00
	C 01 G	3/14
		5/00
		7/00
	C 22 B	11/00
		15/00
34	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/12
35	C 01 G	3/02
		5/00
		7/00
	C 22 B	11/04
		15/12
36	C 01 G	3/10
		5/00
		7/00
	C 22 B	11/04
		15/12
37	C 01 G	3/12
		5/00
		7/00
	C 22 B	11/04
		15/12
38–40	B 01 0	11/00
	B 01 F	1/00
	C 01 G	3/04
		5/00
		7/00
	C 22 B	11/06
		15/00
41	B 01 0	11/00
	B 01 F	1/00
	C 01 G	3/10
		5/00
		7/00
42, 43	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/12
44	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
45	C 01 G	3/10
		5/00
		7/00
	C 22 B	11/00
		15/00
46	C 01 G	3/04
		5/00
		7/00
	C 22 B	11/06
		15/08
47	C 01 G	3/00
		5/00
		7/00
	C 22 B	11/00
		15/00
48	C 01 G	3/12
		5/00
		7/00
	C 22 B	11/00
		15/00
49–52	C 01 G	45/00
		47/00
		57/00
	C 22 B	47/00
		61/00
53	C 01 G	37/00
		39/00
		41/00
	C 22 B	34/30
54	B 01 0	11/00
	C 01 G	37/00
		39/00
		41/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 423—Con.		
	C 22 B	343/00
55, 56	C 01 G	37/00
		39/00
		41/00
	C 22 B	34/30
57	C 01 G	37/08
		39/00
		41/00
	C 22 B	34/30
58	C 01 G	37/14
		39/00
		41/00
	C 22 B	34/30
59, 60	C 01 G	37/00
		39/00
		41/00
	C 22 B	34/30
61	C 01 G	37/14
		39/00
		41/00
	C 22 B	34/30
62	C 01 G	31/00
		33/00
		35/00
	C 22 B	34/20
63	B 01 D	11/00
	C 01 G	31/00
		33/00
		35/00
	C 22 B	34/20
64–67	C 01 G	31/00
		33/00
		35/00
	C 22 B	34/20
68	B 01 D	11/00
	B 01 F	1/00
	C 01 G	31/00
		33/00
		35/00
	C 22 B	34/20
69	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
70	B 01 D	11/00
	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
71	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
72	C 01 G	23/02
		25/04
		27/04
	C 22 B	34/10
73–81	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
82, 83	C 01 G	23/02
		25/04
		25/06
		25/06
		27/04
	C 22 B	34/10
84, 85	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
86	B 01 D	11/02
	C 01 G	23/00
		25/00
		27/00
	C 22 B	34/10
87, 88	C 01 G	28/00
		29/00
		30/00
	C 22 B	30/00
89	C 01 G	17/00
		19/00
		21/00
	C 22 B	13/00
		25/00
		25/04
		25/06
		25/06
		27/04
	C 22 B	34/10
90	C 01 G	17/00
		19/00
		21/00
	C 22 B	13/00
		25/06
		41/00
91	C 01 G	17/04
		19/04
		21/16
	C 22 B	13/00
		25/00
		41/00
92, 93	C 01 G	17/00
		19/00
		21/00
	C 22 B	13/08
		25/00
		41/00
94	C 01 G	17/04
		19/04
		21/16
	C 22 B	13/00
		25/00
		41/00
95	C 01 G	17/00
		19/00
		21/18
	C 22 B	13/00
		25/00
		41/00
96, 97	C 01 G	17/00
		19/00
		21/00
	C 22 B	13/00
		25/00
		41/00
98	B 01 D	11/00
	B 01 F	1/00
	C 01 G	17/00
		19/00
		21/00
	C 22 B	13/00
		19/00
		21/00
		43/00
99	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/00
		43/00
100	B 03 C	1/00
	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/00
		43/00
101, 102	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/00
		43/00
103	C 01 G	9/04
		11/00
		13/04
	C 22 B	17/00
		19/00
		43/00
104–106	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/00
		43/00
107, 108	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/04
		43/00
109	B 01 D	11/00
	B 01 F	1/00
	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/04
		43/00
110	C 01 G	9/00
		11/00
		13/00
	C 22 B	17/00
		19/00
		43/00
111	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
112	B 01 D	11/00
	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
113	B 03 C	1/00
	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
114	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
115–117	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
118	C 01 B	33/26
	C 01 F	1/00
119–121	C 01 F	1/00
		7/04
		7/06
		7/08
		7/10
		7/12
122–124	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
125	C 01 F	1/00
		3/00
		7/66
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
126	C 01 F	1/00
		3/00
		7/48
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
127	C 01 F	1/00
		3/00
		7/14
		7/20
		7/30
		7/34
		7/38
		7/42
		7/44
		7/46
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
128	C 01 F	1/00
		3/00
		7/74
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
129, 130	C 01 F	1/00
		1/00
		3/00
		3/00
		7/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
131, 132	B 01 D	11/00
	B 01 F	1/00
	C 01 F	1/00
		3/00
		7/20
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
133	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
134	C 01 F	3/00
135, 136	C 01 F	7/00
	C 01 G	15/00
	C 22 B	21/00
		35/00
		58/00
		61/00
137	C 01 F	1/00
		3/00
		7/00
	C 01 G	15/00
	C 22 B	21/02
		35/00
		58/00
		61/00
138	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
139	B 01 D	11/00
	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
140–142	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
143	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
144	C 01 G	1/00
		49/02
		51/04
		51/06
		51/12
		53/04
		53/12
		55/06
	C 22 B	1/00
		23/00
145	C 01 G	1/00
		49/14
		51/10
		51/12
		53/10
		53/12
	C 22 B	1/00
		23/00
146	C 01 G	1/00
		49/14
		51/10
		53/10
	C 22 B	1/00
		23/00
147	C 01 G	1/00
		49/02
		49/10
		49/14
		51/04
		51/08
		51/10
		53/04
		53/08
		53/10
	C 22 B	1/00
		23/00
148, 149	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
150	B 01 D	11/00
	B 01 F	1/00
	C 01 G	49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
151, 152	C 01 G	1/00
		49/08
		51/00
		53/00
	C 22 B	1/00
		23/00
153–154	C 01 G	1/00
		49/00
		51/00
		53/00
	C 22 B	1/00
		23/00
155	C 01 F	1/00
		5/00
		11/00
	C 22 B	26/20
156	B 03 C	1/00
	C 01 F	1/00
		5/00
		11/00
	C 22 B	26/20
157	B 01 D	11/00
	C 01 F	1/00
		5/00
		11/00
	C 22 B	26/20
158–161	C 01 F	1/00
		5/00
		11/00
	C 22 B	26/20
162	C 01 F	1/00
		5/38

U.S. Subclass	IPC Subclass	Notation
U.S. Class 423—Con.		
		11/36
	C 22 B	26/20
163	C 01 F	1/00
		5/26
		11/20
	C 22 B	26/20
164	C 01 F	1/00
		5/14
		11/02
	C 22 B	26/20
165	C 01 F	1/00
		5/24
		11/18
	C 22 B	26/20
166	C 01 F	1/00
		5/40
		11/46
	C 22 B	26/20
167, 168	C 01 F	1/00
		5/00
		11/00
	C 22 B	26/20
169	C 01 F	1/00
		5/16
		11/00
	C 04 B	3/00
	C 22 B	26/20
170	C 01 F	1/00
		5/12
		11/08
	C 22 B	26/20
171, 172	C 04 B	11/02
173–177	C 01 F	1/00
		5/06
		11/06
	C 22 B	26/20
178	C 01 F	1/00
		5/10
		5/12
		11/00
	C 22 B	26/20
179	C 01 D	
179.5	C 01 D	15/00
180	C 01 D	
181	B 01 D	11/00
	C 01 D	/00
	C 22 B	26/10
182, 183	C 01 D	/00
		3/06
	C 22 B	26/10
184, 199	C 01 D	/00
184–199	C 01 D	1/32
		3/16
		7/26
	C 22 B	26/10
200, 201	C 01 D	/00
	C 22 B	26/10
202	B 01 D	11/00
	C 01 D	/00
	C 22 B	26/10
203–207	C 01 D	/00
	C 22 B	26/10
208	B 01 D	11/00
	C 01 D	/00
	C 22 B	26/10
209	C 01 D	7/00
	C 22 B	26/10
210	B 01 D	47/00
	B 01 J	8/00
	C 01 B	/00
210.5	B 01 D	47/00
	C 01 B	/00
212	B 01 D	47/00
		53/34
		53/36
	B 01 J	8/00
	C 01 B	/00
	F 01 N	3/103
213.2–213.7	B 01 J	8/02
	C 01 B	21/00
		23/00
		25/00
		29/00
		31/00
		33/00
		35/00
	C 01 G	28/00
		30/00
215.5	B 01 D	45/00
		46/00
		47/00
		53/00
		57/00
	B 03 C	3/00
219	C 01 B	13/00
220–234	C 01 B	17/16
		31/20
235	C 01 B	21/00
236–238	C 01 C	3/00
239	B 01 J	8/00
	C 01 B	21/00
240, 241	C 01 B	7/00
242, 243	C 01 B	17/00
244	B 01 J	8/00
	C 01 B	17/00
245	B 01 J	8/00
	C 10 H	23/00
246	C 01 B	31/18
	C 10 K	1/00
247	B 01 J	8/00
	C 01 B	31/18
	C 10 K	1/20
		1/32
		1/34
248	C 01 B	1/26
249	C 01 F	13/00
		15/00
	C 01 G	43/00
		56/00
		57/00
250, 251	C 01 G	56/00
252	C 01 F	15/00
253–256	C 01 G	43/00
257	C 01 G	43/08
258, 259	C 01 G	43/06
260	C 01 G	43/01
261	C 01 G	43/025
262	C 01 B	23/00
263	C 01 F	17/00
264–269	C 01 B	/00
	C 01 C	/00
	C 01 D	/00
	C 01 F	/00
270, 271	C 01 B	17/69
		17/70
272, 273	C 01 B	15/037
274, 275	C 01 B	/00
	C 01 C	/00
	C 01 D	/00
	C 01 F	/00
276	C 01 B	35/00
277, 278	C 01 B	35/10
279–282	C 01 B	15/12
		35/12
283	C 01 B	35/10
284, 285	C 01 B	35/14
286–288	C 01 B	6/13
		6/22
		35/00
289	C 01 B	25/08
		35/02
290	C 01 B	21/064
291	C 01 B	31/36
292, 293	C 01 B	35/06
294–296	C 01 B	6/10
297	C 01 B	35/04
298	C 01 B	35/02
299	C 01 B	25/00
300, 301	C 01 B	25/10
302	C 01 B	21/06
		25/00
303	C 01 B	25/14
304	C 01 B	25/12
305–315	C 01 B	15/16
		25/26
316–321	C 01 B	25/16
322, 323	C 01 B	25/01
		25/02
		25/04
324	C 01 B	33/00
325	C 01 B	15/14
		33/20
326	C 01 B	33/20
327	C 01 B	33/26
328–330	C 01 B	33/28
331	C 01 B	33/24
332–334	C 01 B	33/32
335–340	C 01 B	33/12
341–343	C 01 B	33/08
344	C 01 B	21/063
		33/06
345, 346	C 01 B	31/36
347	C 01 B	33/04
348–350	C 01 B	33/02
351	C 01 B	21/00
352	C 01 C	1/00
353–357	C 01 C	1/02
358	C 01 C	1/08
359–363	C 01 C	1/04
364	C 01 B	21/06
365	C 01 B	21/12
	C 01 C	3/14
366	C 01 B	21/093
	C 01 C	3/20
367	C 01 C	3/12
368	C 01 C	3/16
369	C 01 C	3/16
	C 07 C	119/055
370	C 01 C	3/16
371	C 01 C	3/08
372–377	C 01 C	3/02
378–382	C 01 C	3/08
383	C 01 B	21/088
384	C 01 C	3/00
385	C 01 B	21/20
386	C 01 B	21/083
		21/088
		21/20
387	C 01 B	21/20
388, 389	C 01 B	21/093
		21/20
390	C 01 B	21/38
		21/44
		21/46
391	C 01 B	21/42
		21/44
		21/46
392	C 01 B	21/38
		21/44
		21/46
393, 394	C 01 B	21/40
		21/44
		21/46
395	C 01 B	21/48
	C 01 D	9/00
		15/10
	C 01 F	5/38
		7/66
		11/36
396	C 01 C	1/18
397, 398	C 01 B	21/48
	C 01 D	9/00
		15/10
	C 01 F	5/38
		7/66
		11/36
399	C 01 D	1/00
		3/00
		5/00
		7/00
		9/00
		11/00
		13/00
		15/00
		17/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
400–402	C 01 B	21/22
		21/24
403, 404	C 01 B	21/26
405	C 01 B	21/24
406	C 01 B	21/06
407, 408	C 01 B	21/16
409	C 01 B	21/06
410	C 01 B	21/08
411	C 01 B	21/076
412	C 01 B	21/072
413	C 01 B	21/00
414, 415	C 01 B	31/00
416–418	C 01 G	1/04
419	C 01 B	31/24
420	C 01 C	1/26
421–424	C 01 D	7/00
		15/08
		17/00
425	C 01 D	7/14
426	C 01 D	7/00
427	C 01 D	7/37
428, 429	C 01 D	7/00
430–432	C 01 F	5/24
		11/18
433–436	C 01 G	21/14
437, 438	C 01 B	31/20
439	C 01 B	31/30
440	C 01 B	31/34
441, 442	C 01 B	31/32
443, 444	C 01 B	31/26
445	C 01 B	31/00
		31/02
446	B 01 J	3/06
		3/08
	C 01 B	31/06
447.1, 447.2	0 01 F	9/12
447.3	0 01 C	5/00
	0 01 F	9/12
447.4–447.8	0 01 F	9/12
447.9	0 01 F	9/16
448	C 01 B	31/04
449–459	C 01 B	31/02
	C 09 C	1/48
460	C 09 C	1/56
461	C 01 B	31/02
462	C 01 B	7/00
463	C 01 B	9/00
464	C 01 B	9/08
465	C 01 F	7/50
466	C 01 B	7/24
467–469	C 01 B	17/45
		17/46
470, 471	C 01 C	1/16
472	C 01 B	11/00
473, 474	C 01 B	11/04
475	C 01 B	11/12
476	C 01 B	11/16
477–480	C 01 B	11/02
481, 482	C 01 B	7/01
483–485	C 01 B	7/19
486, 487	C 01 B	7/01
486–488	C 01 B	7/08
		7/12
		7/18
488	C 01 B	7/07
489	C 01 B	9/08
490	C 01 D	3/02
		11/00
	C 01 F	5/28
		11/22
491	C 01 B	9/00
492–494	C 01 G	/00
495, 496	C 01 F	3/00
		7/48
	C 01 G	15/00
497	C 01 F	5/26
		11/20
498	C 01 F	5/32
		5/34
499	C 01 D	3/00
		15/04
		17/00
500–507	C 01 B	7/00
508	C 01 B	19/00
		25/14
509	C 01 B	19/04
510	C 01 B	19/02
511	C 01 B	17/00
512	C 01 B	17/45
		17/46
		17/62
		17/98
513	C 01 B	15/06
		15/08
514	C 01 B	17/64
515, 516	C 01 B	17/66
517	C 01 B	17/46
	C 01 D	5/08
518	C 01 D	5/10
	C 01 F	7/76
	C 01 G	37/10
519	C 01 B	17/62
	C 01 C	1/22
	C 01 D	5/14
	C 01 F	/00
	C 01 G	/00
520	C 01 B	17/96
	C 01 C	1/24
	C 01 D	5/02
	C 01 F	/00
	C 01 G	/00
521	C 01 B	17/98
523	C 01 B	17/82
524	C 01 B	17/84
525–530	C 01 B	17/74
531	C 01 B	17/90
532–538	C 01 B	17/74
539	C 01 B	17/48
540, 541	C 01 B	17/50
542	C 01 B	17/52
543	C 01 B	17/54
544	C 01 B	17/96
545	C 01 C	1/24
546	C 01 C	1/245
547	C 01 C	1/24
548	C 01 C	1/244
549, 550	C 01 C	1/242
551–553	C 01 D	5/00
		15/06
		17/00
554	C 01 F	5/42
		11/46
555	C 01 F	11/46
556	C 01 F	7/74
557	C 01 G	3/10
558	C 01 G	41/14
559	C 01 G	21/20
560	C 01 B	17/32
		17/42
	C 01 G	/00
561	C 01 B	17/00
	C 01 F	/00
	C 01 G	/00
562	C 01 B	17/18
		17/34
		17/42
	C 01 F	/00
	C 01 G	/00
563–564	C 01 B	17/16
565, 566	C 01 B	17/00
	C 01 F	/00
	C 01 G	/00
567	C 01 B	17/00
568–570	C 01 B	17/02
571–577	C 01 B	17/02
578	C 01 B	17/027
579	C 01 B	13/00
580	C 01 B	5/00
581	C 01 B	13/10
		15/00
582	C 01 B	15/00
583	C 01 B	15/04
584	C 01 B	15/01
585	C 01 B	15/03
586	C 01 B	15/032
587	C 01 B	15/022
588–590	C 01 B	15/023
591	C 01 B	15/024
		15/026
592	C 01 B	13/14
	C 01 D	1/00
		11/02
		11/04
	C 01 F	/00
	C 01 G	/00
593	C 01 F	/00
	C 01 G	/00
594	C 01 G	49/00
		51/00
		53/00
595–597	C 01 G	37/14
598	C 01 G	23/00
599	C 01 G	45/12
600	C 01 F	7/02
		7/04
		7/16
601–603	C 01 G	28/02
604	C 01 G	3/02
		5/00
		7/00
605	C 01 G	45/02
		47/00

U.S. Class 423—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		57/00
606	C 01 G	39/00
		41/00
607	C 01 G	37/02
608	C 01 G	25/02
		27/02
609	C 01 G	23/04
610–616	C 01 G	23/047
617	C 01 G	28/00
		30/00
618	C 01 G	17/02
		19/02
619–621	C 01 G	21/02
622, 623	C 01 G	9/02
624	C 01 F	3/00
	C 01 G	15/00
625–631	C 01 F	7/02
632–634	C 01 G	49/02
635	C 01 F	5/02
		5/14
		11/02
636–640	C 01 B	13/14
	C 01 F	5/02
		5/14
		11/02
641, 642	C 01 D	1/00
		15/02
		17/00
643	C 01 D	1/24
		1/26
		15/02
		17/00
644	C 01 B	6/24
645	C 01 B	6/00
646, 647	C 01 B	6/04
648, 649	C 01 B	3/02
650	C 01 B	3/24
651–654	C 01 B	3/26
655	C 01 B	3/12
656	C 01 B	3/16
		3/18
657, 658	C 01 B	3/08
658.5	B 01 D	11/00
	B 01 F	1/00
659	C 01 B	/00
	C 01 C	/00
	C 01 D	/00
	C 01 F	/00
	C 01 G	/00
	C 22 B	/00

U.S. Class 424

Drug, bio-affecting and body treating compositions

(IPC A 61 K)

1.1	A 61 K	43/00
	A 61 N	5/12
2	G 01 N	1/00
		33/48
3	G 01 N	1/00
		1/30
		31/00
		33/48
4, 5	A 61 K	49/04
6	A 61 K	9/20
9	A 61 K	49/00
	G 01 N	31/00
		33/48
11	G 01 N	31/00
		33/48
14	A 01 N	17/00
		25/00
	A 61 J	3/00
		3/10
	A 61 K	9/00
15	A 01 N	25/34
	A 61 J	3/00
		3/10
	A 61 K	9/44
16	A 01 N	25/26
	A 61 J	3/00
		3/10
	A 61 K	9/00
17, 18	A 01 N	25/00
	A 61 J	3/00
		3/10
	A 61 K	9/22
		9/52
19	A 01 N	25/26
	A 61 J	3/00
		3/10
	A 61 K	9/54
20	A 01 N	25/26
	A 61 J	3/00
		3/10
	A 61 K	9/24
21	A 01 N	25/34
	A 61 J	3/00
		3/10
	A 61 K	9/26
22	A 01 N	25/12
	A 61 J	3/00
		3/10
	A 61 K	9/26
23–25	A 01 N	25/26
	A 61 J	3/00
		3/10
	A 61 K	9/28
		9/48
26	A 01 N	25/00
		63/02
	A 61 J	3/00
		3/10
27	A 01 N	25/34
	A 61 F	13/00
	A 61 K	9/70
	A 61 L	15/00
		17/00
28	A 61 F	13/00
	A 61 K	9/70
	A 61 L	15/00
29	A 01 M	1/20
	A 61 D	9/00
30	A 01 N	25/34
31	A 01 N	25/00
	A 61 K	9/30
		9/56
32, 33	A 01 N	25/10
	A 61 K	9/32
		9/58
34	A 01 N	25/10
	A 61 K	9/34
		9/60
35	A 01 N	25/00
	A 61 K	9/36
		9/62
36	A 01 N	25/00
	A 61 K	9/38
		9/64
37	A 01 N	25/00
	A 61 K	9/40
38	A 01 N	25/00
	A 61 K	9/42
39	A 61 K	9/30
		9/56
40	A 01 N	25/06
		25/18
		25/20
	A 61 K	9/72
	A 61 L	9/02
41, 42	A 01 N	25/18
		25/20
	A 61 L	9/02
43	A 01 N	25/02
	A 61 K	9/00
	A 61 L	9/04
44	A 61 L	9/04
45	A 61 L	9/04
46	A 61 K	9/14
	A 61 L	9/04
47	A 61 K	7/00
		9/00
48	A 61 K	9/68
49	A 61 K	7/16
50	A 61 K	7/28
51	A 61 K	7/16
52	A 61 K	7/18
53	A 61 K	7/20
54	A 61 K	7/22
55	A 61 K	7/24
56, 57	A 61 K	7/16
58	A 61 K	7/26
59	A 61 K	7/42
	A 61 L	23/00
60	A 61 K	7/44
	A 61 L	23/00
61	A 61 K	7/04
62	A 61 K	7/133
63	A 61 K	7/021
64	A 61 K	7/025
65	A 61 K	7/32
66	A 61 K	7/34
67	A 61 K	7/36
68	A 61 K	7/38
69	A 61 K	7/035
70	A 61 K	7/06
71	A 61 K	7/09
		7/11
72	A 61 K	7/09
73	A 61 K	7/15
74	A 61 K	7/06
75	A 01 N	1/00
77	A 01 N	25/24
	C 21 H	5/22
78, 79	A 61 K	31/74
80	A 61 K	31/79
81	A 61 K	31/78
82	A 61 K	31/765
		31/775
83	A 61 K	31/745
84	A 01 N	25/00
85	A 61 K	39/00
		45/02
86	A 61 K	39/42
87	A 61 K	39/40
88	A 61 K	39/00
89	A 61 K	39/12
90	A 61 K	41/00
91	A 61 K	39/36
92	A 61 K	39/02
93	A 01 N	63/00
	A 61 K	37/00
94	A 01 N	63/02
	A 61 K	37/48
95	A 01 N	63/02
	A 61 K	35/12
		35/56
96	A 61 K	35/38
97	A 61 K	35/54
98	A 61 K	35/58
99, 100	A 61 K	35/22
101	A 61 K	35/14
102	A 61 K	35/64
103	A 61 K	35/12
104	A 61 K	35/38
105	A 61 K	35/48
106	A 61 K	35/407
		35/413
107	A 61 K	35/407
108, 109	A 61 K	35/55
110	A 61 K	35/39
111–113	A 61 K	35/55
114–124	A 61 K	35/00
125	A 01 N	59/00
	A 61 K	33/44
126	A 01 N	25/00
	A 61 K	47/00
127	A 01 N	59/00
	A 61 K	33/00
128	A 01 N	59/26
	A 61 K	33/42
129	A 01 N	59/24
	A 61 K	33/00
130	A 01 N	59/00
	A 61 K	33/40
131	A 01 N	59/16
	A 61 K	33/24
132	A 01 N	59/16
	A 61 K	33/38
133	A 01 N	59/22
	A 61 K	33/36
134, 135	A 01 N	59/22
	A 61 K	33/36
136–139	A 01 N	59/22
	A 61 K	33/36
140	A 01 N	59/20
	A 61 K	33/34
141, 142	A 01 N	59/20
	A 61 K	33/34
143	A 01 N	59/20
	A 61 K	33/34
144	A 01 N	59/16
	A 61 K	33/32
145	A 01 N	59/16
	A 61 K	33/30
146	A 01 N	59/18
	A 61 K	33/28
147	A 01 N	59/16
	A 61 K	33/26
148	A 01 N	59/14
	A 61 K	33/22
149	A 01 N	59/00
	A 61 K	33/20
150	A 01 N	59/12
	A 61 K	33/18
151	A 01 N	59/10
	A 61 K	33/16
152	A 01 N	59/10
	A 61 K	33/16
153	A 01 N	59/08
	A 61 K	33/14
154	A 01 N	59/06
	A 61 K	33/06
155	A 01 N	59/06
	A 61 K	33/12
156	A 01 N	59/06
	A 61 K	33/10
157–159	A 01 N	59/06
	A 61 K	33/08
160	A 01 N	59/06
	A 61 K	33/08
161	A 01 N	59/04
	A 61 K	33/04
		33/06
162, 163	A 01 N	59/02
	A 61 K	33/04
164, 165	A 01 N	59/02
		65/00
	A 61 K	33/04
166	A 01 N	59/00
	A 61 K	33/02
167	A 01 N	61/00
	A 61 K	31/00
168–172	A 01 N	61/02
	A 61 K	31/00
		47/00
173–176	A 01 N	
		25/22
	A 61 K	31/00
		47/00
177	A 61 K	37/00
178	A 61 K	37/26
179	A 61 K	37/40
180	A 01 N	31/00
	A 61 K	31/70
181	A 01 N	63/02
	A 61 K	31/71
182	A 01 N	31/00
	A 61 K	31/705
183	A 01 N	43/16
	A 61 K	31/725
184	A 01 N	55/00
	A 61 K	31/695
	A 61 L	23/00
185	A 01 N	55/00
	A 61 K	31/69
	A 61 L	23/00
	A 61 N	9/00
186–194	A 01 N	65/00
195	A 01 N	65/00
	A 61 K	35/78
196	A 01 N	65/00
	A 61 K	35/78
197	A 01 N	65/02
	A 61 K	35/78
198	A 01 N	57/00
	A 61 K	31/66
199	A 01 N	57/26
	A 61 K	31/685
200	A 01 N	57/00
		57/26
	A 61 K	31/675
201	A 01 N	57/36
	A 61 K	31/68
202	A 01 N	57/00
		57/16
	A 61 K	31/67
203	A 01 N	57/00
		57/16
	A 61 K	31/665
204–225	A 01 N	57/00
	A 61 K	31/66
226	A 01 N	47/08
		51/00
	A 61 K	31/655
227	A 01 N	37/18
	A 61 K	31/65
228	A 01 N	51/00
	A 61 K	31/63
229	A 01 N	51/00
	A 61 K	31/625
230	A 01 N	37/36
	A 61 K	31/60
231	A 01 N	37/36
	A 61 K	31/60
232	A 01 N	43/00
	A 61 K	31/625
233	A 01 N	37/36
	A 61 K	31/615
234	A 01 N	37/36
	A 61 K	31/61
235	A 01 N	37/36
	A 61 K	31/605
236	A 01 N	45/00
	A 61 K	31/59
237	A 01 N	45/00
	A 61 K	31/595
238–240	A 01 N	45/00
	A 61 K	31/56
241	A 61 K	31/58
242, 243	A 61 K	31/56
244	A 01 N	43/00
	A 61 K	31/33
245	A 01 N	55/02
	A 61 K	31/555
246, 247	A 01 N	43/84
		43/86
		43/88
	A 61 K	31/54
248.4–248.58	A 01 N	43/84
		43/86
		43/88
	A 61 K	27/00
249	A 01 N	43/64
	A 61 K	31/53
250	A 01 N	43/48
	A 61 K	31/495
251	A 01 N	43/54
	A 61 K	31/505
252	A 01 N	43/90
	A 61 K	31/525
253	A 01 N	43/90
	A 61 K	31/52
254	A 01 N	43/54
	A 61 K	31/515
255	A 01 N	43/78
	A 61 K	31/51
256, 257	A 01 N	43/40
	A 61 K	31/435
258	A 01 N	43/42
	A 61 K	31/47
259	A 01 N	43/42
	A 61 K	31/49
260	A 01 N	43/42
	A 61 K	31/485
261	A 01 N	43/90
	A 61 K	31/48
262	A 01 N	43/40
		43/90
	A 61 K	31/475
263	A 01 N	43/40
	A 61 K	31/44
264	A 01 N	43/40
	A 61 K	31/465
265	A 01 N	43/42
	A 61 K	31/46

U.S. Class 424—Con.

U.S. Subclass	IPC Subclass	IPC Notation
	A 62 D	3/00
266	A 01 N	43/40
	A 61 K	31/455
267	A 01 N	43/40
	A 61 K	31/445
268	A 01 N	43/40
	A 61 K	31/45
269	A 01 N	43/48
		43/64
		43/72
	A 61 K	31/41
270	A 01 N	43/78
		43/80
	A 61 K	31/425
271	A 61 K	31/43
272	A 01 N	43/76
		43/80
	A 61 K	31/42
273	A 01 N	43/50
		43/56
	A 61 K	31/415
274	A 01 N	43/36
	A 61 K	31/40
275	A 01 N	43/02
	A 61 K	31/38
276	A 01 N	43/24
	A 61 K	31/39
277	A 61 K	31/385
278, 279	A 01 N	43/02
	A 61 K	31/335
280	A 01 N	43/08
	A 61 K	31/365
281	A 01 N	43/16
	A 61 K	31/37
282	A 01 N	43/16
	A 61 K	31/36
283	A 01 N	43/16
	A 61 K	31/35
284	A 01 N	43/16
	A 61 K	31/355
285	A 01 N	43/08
	A 61 K	31/34
286	A 01 N	47/10
	A 61 K	31/325
287	A 01 N	55/02
	A 61 K	31/28
288	A 01 N	55/04
	A 61 K	31/32
289	A 01 N	55/02
	A 61 K	31/315
290	A 01 N	55/02
	A 61 K	31/28
291	A 01 N	55/06
	A 61 K	31/305
292	A 01 N	55/06
	A 61 K	31/31
293	A 01 N	55/02
	A 61 K	31/28
294	A 01 N	55/02
	A 61 K	31/30
295	A 01 N	55/02
	A 61 K	31/295
296	A 01 N	55/02
	A 61 K	31/29
297	A 01 N	55/02
	A 61 K	31/285
298	A 01 N	37/00
	A 61 K	31/21
299	A 01 N	9/24
		37/08
	A 61 K	31/21
300	A 01 N	47/10
	A 61 K	31/27
301	A 01 N	37/14
	A 61 K	31/265
302	A 01 N	47/46
		47/48
	A 61 K	31/26
303	A 01 N	41/02
	A 61 K	31/255
304	A 01 N	37/34
	A 61 K	31/275
305, 306	A 01 N	37/00
		37/08
	A 61 K	31/215
307	A 01 N	37/00
	A 61 K	31/25
308	A 01 N	37/10
	A 61 K	31/235
309	A 01 N	37/10
	A 61 K	31/24
310	A 01 N	37/10
	A 61 K	31/245
311	A 01 N	37/02
		37/06
	A 61 K	31/22
312	A 01 N	37/02
		37/06
	A 61 K	31/23
313	A 01 N	37/02
		37/06
	A 61 K	31/225
314	A 01 N	37/06
	A 61 K	31/22
315	A 01 N	37/00
	A 61 K	31/185
316	A 01 N	37/30
	A 61 K	31/205
317	A 01 N	37/00
	A 61 K	31/19
318	A 01 N	37/00
	A 61 K	31/20
319	A 01 N	37/12
	A 61 K	31/195
320	A 01 N	37/18
	A 61 K	31/16
321	A 01 N	41/06
	A 61 K	31/18
322	A 01 N	47/28
	A 61 K	31/17
323	A 01 N	47/28
	A 61 K	31/175
324	A 01 N	37/18
	A 61 K	31/165
325	A 01 N	33/02
	A 61 K	31/13
326	A 01 N	37/52
	A 61 K	31/155
327	A 01 N	33/24
		33/26
	A 61 K	31/15
328	A 01 N	37/18
	A 61 K	31/145
329	A 01 N	33/12
	A 61 K	31/14
330	A 01 N	33/02
	A 61 K	31/135
331	A 01 N	35/00
	A 61 K	31/12
332	A 01 N	35/04
	A 61 K	31/125
333	A 01 N	35/00
	A 61 K	31/11
334	A 01 N	35/02
	A 61 K	31/115
335	A 01 N	31/00
		55/00
	A 61 K	31/095
336	A 01 N	41/00
	A 61 K	31/105
337	A 01 N	31/00
		41/10
	A 61 K	31/10
338	A 01 N	31/00
	A 61 K	31/075
339	A 01 N	31/00
	A 61 K	31/075
340	A 01 N	31/14
	A 61 K	31/085
341	A 01 N	31/14
	A 61 K	31/09
342	A 01 N	31/02
	A 61 K	31/08
343	A 01 N	31/00
	A 61 K	31/045
344	A 01 N	31/04
	A 61 K	31/07
345	A 01 N	31/04
	A 61 K	31/065
346	A 01 N	31/08
	A 61 K	31/05
347	A 01 N	31/08
	A 61 K	31/055
348	A 01 N	33/18
	A 61 K	31/06
349	A 01 N	33/18
	A 61 K	31/04
350	A 01 N	29/00
	A 61 K	31/02
351	A 01 N	29/02
	A 61 K	31/035
352	A 01 N	29/04
	A 61 K	31/025
353	A 01 N	29/04
		29/10
	A 61 K	31/03
354	A 01 N	29/04
	A 61 K	31/03
355	A 01 N	27/00
	A 61 K	31/01
356	A 01 N	27/00
	A 61 K	31/015
357–365	A 01 N	25/00
	A 61 K	47/00
366	A 01 N	
	A 61 K	45/00

U.S. Class 425

Plastic article or earthenware shaping or treating,apparatus

(IPC B 29 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 22 F	3/08
2	B 28 B	1/00
3	B 28 B	1/00
		17/00
4	B 28 B	1/50
5	B 28 B	1/54
6–10	B 22 D	11/01
	B 22 F	9/00
	B 28 B	1/54
		17/00
	B 29 B	9/00
	B 29 C	67/02
11–27	B 29 B	9/00
		15/00
	B 29 C	31/04
		35/00
	B 29 D	30/00
		30/52
		30/52
28	B 29 B	15/00
	B 29 C	35/18
	B 29 D	29/00
		30/00
		30/06
29	B 29 D	29/00
30–50	B 29 C	35/00
		35/00
		35/02
		35/02
		35/16
	B 29 D	29/00
51–53	B 29 D	29/00
54–58	B 29 D	29/00
60–62	B 28 B	1/00
		17/00
	E 01 D	/00
	E 02 D	5/36
63–65	B 28 B	1/00
		17/00
	B 29 C	23/00
		31/04
	E 01 C	
	E 02 D	
	E 04 G	21/06
66	B 29 C	47/34
		55/00
	B 29 D	31/00
	D 01 D	5/00
67–70	B 29 D	31/00
	D 01 D	5/00
71, 72	B 29 D	7/20
73	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	B 28 B	17/00
	B 29 C	
	B 29 D	
74	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	B 28 B	17/00
	B 29 D	
75	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	B 28 B	17/00
	B 29 D	
76	D 01 D	5/20
78	B 22 F	3/00
79	B 22 F	3/18
80.1, 83.1	B 28 B	5/00
	B 29 D	7/00
84–86	B 28 B	1/26
		21/08
		21/36
87	B 28 B	3/00
88	B 28 B	15/00
	B 29 C	
89	B 28 B	7/36
90–106	A 01 J	21/00
		25/12
	A 21 C	9/04
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	A 47 J	43/20
	B 28 B	7/38
		21/00
	B 29 C	47/02
		47/04
		47/06
		63/00
107	B 21 B	21/00
	B 28 B	17/00
	B 29 C	
		47/94
	B 29 D	
108	B 28 B	23/00
	B 29 C	53/36
		53/56
110–129	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	B 21 C	3/00
		11/00
	B 28 B	3/10
		19/00
		21/56
		23/00
		23/10
		23/12
		23/14
		23/16
		23/18
		23/20
		23/22
	B 29 B	11/06
	B 29 C	31/00
		31/04
		31/08
		45/14
		47/00
		47/02
		47/04
		47/06
		47/08
		51/02
		51/12
		51/14
		51/16
		63/00
130–134	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
	A 23 P	1/00
	B 28 B	13/00
	B 29 C	31/10
		31/10
		47/00
		47/02
		47/04
130–136	B 29 C	47/06
130–134	B 29 C	51/02
		63/00
135–174.8	B 28 B	17/00
	B 29 B	13/00
		15/00
	B 29 C	
		35/08
		35/08
		35/12
		47/92
		47/96
175–180	B 28 B	1/00
181–196	A 01 J	21/00
		25/00
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	17/00
	B 29 C	
		47/00
197–209	A 01 J	17/00
	A 21 C	1/00
		7/00
	A 23 G	1/10
		1/12
		3/14
		9/00
	A 23 P	1/00
	A 47 J	43/04
		43/10
	B 28 B	17/02
	B 29 B	7/00
		13/00
	B 29 C	47/36
210–221	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	5/00
		17/00
		17/04
		21/00
	B 29 B	7/66

U.S. Class 425—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		17/02
	B 29 C	37/02
		47/92
222	B 22 F	3/00
		5/00
		7/00
222–224	B 29 C	67/02
223–224	A 01 J	21/00
		25/12
		25/15
	A 21 C	3/02
		11/00
	A 23 G	1/02
		3/00
	A 23 P	1/00
	B 28 B	5/00
		13/00
223, 224	B 29 C	55/00
223–224	B 29 D	3/02
		7/00
		7/14
		9/00
225–234	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	5/00
		7/00
		17/00
	B 29 B	11/06
236–250	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	1/00
		1/24
		5/00
		5/06
		5/10
		7/00
		7/10
		13/00
		13/04
		21/00
		21/90
253–261	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	A 28 B	1/00
		5/00
		7/00
		13/00
		21/00
262	B 28 B	1/29
		17/00
263–268	B 28 B	1/02
		1/29
	B 28 C	17/00
269–275	B 22 D	11/01
	B 28 B	7/00
		21/46
	B 29 D	
276–286	B 28 B	1/00
	B 29 C	45/40
287, 288	A 21 C	3/04
		11/16
289	A D1 J	21/02
		25/12
	A 21 C	11/10
		11/12
	A 23 G	1/20

U.S. Subclass	IPC Subclass	IPC Notation
		3/00
	A 23 P	1/00
	B 28 B	7/14
		11/12
		11/14
290, 291	A 21 C	11/10
		11/12
	B 28 B	1/48
292–316	A 01 J	21/02
		25/12
	A 21 C	11/10
		11/12
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	7/14
		11/12
		11/14
	B 29 C	59/00
317	A 01 J	
	A 21 C	
	A 23 G	
	A 23 P	
	A 47 J	
	B 28 B	
	B 29 B	13/00
	B 29 C	
		53/32
		69/00
318	A 01 J	19/00
	A 23 P	1/00
	A 47 J	43/20
	B 28 B	3/00
319–323	A 21 C	3/06
		3/08
	B 28 B	11/08
		21/48
		21/98
	B 29 C	53/00
		53/14
324.1–328	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	
	B 29 C	
		53/00
	B 29 D	
329–330	B 28 B	3/00
	B 29 D	7/14
		9/00
331	B 28 B	3/20
		21/52
332, 333	B 28 B	1/00
	B 29 B	9/00
334	A 21 C	3/06
		3/08
	B 28 B	1/40
		17/00
		21/48
	B 29 C	53/00
		53/14
335–337	A D1 J	21/00
		25/12
	A 21 C	3/02
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	3/12
		3/12
		5/00
		5/00
		11/08
		11/08
		21/70
		21/70
		21/98
		21/98
	B 29 B	11/06
	B 29 C	53/20
		55/02

U.S. Subclass	IPC Subclass	IPC Notation
	B 29 D	7/14
		7/14
338, 339	A D1 J	21/00
		21/00
		25/12
		25/12
	A 21 C	3/00
		3/00
		11/00
		11/00
	A 23 G	1/20
		1/20
		1/22
		1/22
		3/00
		3/00
	A 23 P	1/00
		1/00
	B 28 B	3/02
		21/00
	B 29 B	11/06
340–343	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	11/08
		21/70
		21/92
	B 29 B	11/06
	B 29 C	
		31/00
	B 29 D	
344–362	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/00
	A 23 P	1/00
	B 28 B	5/00
		7/00
		21/00
	B 29 B	11/06
	B 29 C	51/00
		51/18
363, 364	A D1 J	21/00
		25/12
	A 21 C	3/02
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	3/12
		5/00
	B 29 D	7/14
		7/22
365	A D1 J	21/00
		25/12
	A 21 C	3/02
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	3/18
	B 29 D	7/00
		9/00
366–374	A D1 J	21/00
		25/12
	A 21 C	3/02
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	3/12
		5/00
	B 29 C	53/20
	B 29 D	7/14
		7/22
375	A D1 J	21/00
		25/12
	A 21 C	3/00

U.S. Subclass	IPC Subclass	IPC Notation
		11/00
	A 23 G	1/20
		3/12
	A 23 P	1/00
	B 28 B	1/00
		17/00
		21/42
		21/92
		23/00
	B 29 D	
376–382.2	A 01 J	21/02
		25/12
	A 21 C	3/04
		11/16
	A 23 G	1/20
		3/12
		3/18
	A 23 P	3/18
	B 28 B	13/00
		21/52
	B 29 C	35/00
		35/00
		47/78
383, 384	A D1 J	25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	11/08
		21/96
		21/98
	B 29 B	15/00
	B 29 C	35/00
		35/00
		35/02
		35/02
	B 29 D	7/22
385, 386	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/02
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	11/08
		21/00
	B 29 C	59/00
	B 29 D	7/22
387.1, 388	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/02
	A 23 P	1/00
	B 28 B	11/08
		21/36
	B 29 C	55/28
389, 390	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 21 G	1/20
	A 23 G	3/00
	A 23 P	1/00
	B 28 B	11/08
		21/00
	B 29 D	7/22
391	A 21 C	3/00
	B 28 B	11/08
		21/00
392–405	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/00
		3/00
	A 23 P	1/00
	B 28 B	11/00
		21/00
	B 29 C	31/08
		51/00
		51/06
		51/10
		51/18

U.S. Subclass	IPC Subclass	IPC Notation
		53/34
		55/22
		57/00
		59/00
		61/00
		71/00
	B 29 D	7/00
406–423	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/00
		3/00
	A 23 P	1/00
	B 28 B	1/00
		3/00
		21/00
	B 29 B	15/00
	B 29 C	35/00
		35/00
		35/02
		35/02
424	A D1 J	21/00
		25/00
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	1/00
		21/10
425–435	A D1 J	21/00
		25/12
	A 21 C	3/00
	A 23 G	1/00
		3/00
	A 23 P	1/00
	B 28 B	1/00
		21/00
436–444	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	1/00
		3/00
		5/00
		7/10
		13/00
		21/00
	B 29 C	
		45/40
	B 29 D	1/14
445–449	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 28 B	11/00
		13/00
		21/00
	B 29 C	61/00
		71/00
	B 29 D	7/20
450.1	B 28 B	1/00
		3/00
		5/00
451	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/00
		3/00
	A 23 P	1/00
	B 28 B	1/00
		5/00
		7/00
		21/00
451.2–451.7	B 28 B	1/00
		3/00
		5/00
		7/00
451.9	B 28 B	7/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 425—Con.		
452–454	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/00
		3/00
	A 23 P	1/00
	B 2B B	1/00
		5/00
		7/00
		21/00
456, 457	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 2B B	1/00
		5/00
		7/00
		21/00
458–460	A 01 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 2B B	1/52
	B 29 C	47/08
		47/12
468	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 2B B	7/00
		21/86
469	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 2B B	1/44
		5/00
		7/00
		21/00
470, 471	A D1 J	21/00
		25/12
	A 21 C	3/00
		11/00
	A 23 G	1/20
		3/00
	A 23 P	1/00
	B 2B B	1/00
		3/00
		5/00
		21/42
	B 29 D	7/00
472	A 21 C	
	B 2B B	
	B 29 B	
		15/00
	B 29 C	
	B 29 D	
500	A 21 C	3/00
		11/00
	A 23 G	1/20
		1/22
		3/12
		3/16
		3/18
		5/02
	A 23 P	1/00
500–454	B 2B B	19/00
500	B 29 D	9/00
	B 32 B	31/00
503, 504	B 2B B	21/36
505	B 2B B	21/00
		23/06
	B 29 C	
	B 29 D	
	B 32 B	31/08
506–509	A 21	
	A 23	
	B 2B B	
		11/00
		17/02
	B 2B C	
	B 29 B	13/00
	B 29 D	
		7/20
	B 32 B	31/14
510–514	A 21 C	3/10
		5/00
		5/00
		11/00
	B 2B B	1/48
		7/14
		11/00
		21/96
	B 29 B	11/02
	B 29 D	7/16
		7/18
		17/00
		19/04
		21/04
	B 32 B	31/18
515, 516	A 21 C	3/00
		11/00
	A 23 P	1/00
	B 2B B	
	B 29 D	
	B 32 B	31/30
517	B 2B B	3/10
		23/00
	B 29 D	
	B 32 B	31/04
518, 519	B 2B B	3/00
		7/26
		21/82
	B 29 D	
	B 3D B	9/28
520, 521	B 2B B	3/00
		11/10
	B 29 D	
	B 3D B	9/28
522–541	B 29 C	49/00
542–595	A 23 P	1/00
	B 29 B	11/06
	B 29 C	35/00
		35/00
		42/26
		45/00
		45/02
		45/03
		45/20
		45/22
		45/38
801	B 29 D	19/00
802	B 29 D	31/00
803, 804	B 29 D	31/00
805	B 29 D	21/00
806	B 2B B	7/14
		11/12
		21/92
807	B 29 D	31/00
808	B 29 D	11/00
811	B 29 D	31/00
812	B 2B B	17/00
813	B 29 C	35/00
814	B 29 D	5/00
815	B 2B B	17/00
816	B 29 D	31/00
817	B 2B B	1/50
	B 29 C	27/60

U.S. Subclass	IPC Subclass	IPC Natation
U.S. Class 426		
Food or edible material, processes, compositions and products		
(IPC A 23 B)		
1	A 23 L	
2	A D1 K	
	A 23 L	
3, 4	A 23 G	3/30
5	A 23 G	3/30
	B 65 D	85/02
6	A 23 G	3/30
7	A 23 B	4/12
	A 23 L	
	C 12 G	
8	C 12 G	
9	A 21 D	2/00
10	A 23 B	5/00
11	C 12 C	11/00
12	C 12 G	1/00
13	C 12 C	9/00
		11/04
	C 12 H	1/00
14	C 12 C	11/00
	C 12 G	3/08
15	C 12 G	1/00
16	C 12 C	11/04
17	C 12 J	1/00
18	A 21 D	2/00
		8/02
	A 23 L	1/10
	C 12 C	9/00
19–21	A 21 D	2/00
		8/02
22	A 21 D	2/04
		2/20
		8/02
23	A 21 D	2/24
		8/02
24, 25	A 21 D	2/14
		8/02
26	A 21 D	2/02
		8/02
27	A 21 D	8/00
28–31	A 23 L	1/10
		1/28
	C 12 C	7/00
		9/00
32	A 23 J	3/00
	A 23 K	1/04
33	A 23 D	
34–40	A 23 C	9/12
41	A 23 C	9/12
		21/00
42, 43	A 23 C	9/12
		17/00
44	A 23 G	1/02
	A 23 L	1/36
45	A 23 F	5/00
46	A 23 L	1/20
47	A 23 J	3/00
48	A 23 L	1/08
	C 13 K	1/06
49	A 23 B	7/10
	A 23 F	3/00
	A 23 K	1/00
	A 23 L	1/22
50	A 23 B	7/10
	A 23 K	1/00
	A 23 L	1/04
51	A 23 B	7/10
	A 23 K	1/00
	A 23 L	1/28
		2/02
52	A 23 B	7/10
	A 23 K	1/00
		3/00
	A 23 L	
53, 54	A 23 B	7/10
	A 23 K	1/00
		3/00
55	A 23 B	4/12
	A 23 L	1/31
		1/315
56–59	A 23 L	1/31
60	A 23 L	1/28

U.S. Subclass	IPC Subclass	IPC Notation
61	A 23 C	9/12
	A 23 L	1/28
62	A 23 C	9/12
	A 23 L	1/28
63	A 23 C	9/12
	A 23 L	1/28
64	A 23 C	9/12
	A 23 L	1/202
		1/28
66	A 23 L	2/00
	B 65 D	85/00
	C 12 C	5/02
67	A 23 L	2/00
	B 65 D	85/00
68	A 23 B	4/10
		7/16
69	A 23 K	1/22
71	A 23 C	17/00
	A 61 K	27/00
72, 73	A 23 L	1/30
74	A 23 K	1/175
	A 23 L	1/30
75	A 23 G	
76	A 21 D	13/00
77–84	B 65 B	29/02
85, 86	A 23 L	
87	A 22 C	17/10
	A 23 L	
88	A 23 L	
89	A 21 D	
	A 23 B	
	A 23 G	
	A 23 K	
	A 23 L	
90	A 23 G	3/00
91	A 23 G	3/00
	B 65 D	85/00
92	A 23 B	4/00
	A 23 L	1/31
		1/315
93	A 23 G	3/00
	A 23 L	1/36
94, 95	A 21 D	13/00
	A 23 G	3/00
96	A 23 L	1/216
97	A 23 K	
	A 23 L	1/22
98, 99	A 23 B	
	A 23 L	
100	A 23 G	
101	A 23 G	9/00
102	A 2B G	7/00
103	A 23 G	
104	A 23 G	1/00
105	A 23 G	1/00
	A 23 L	1/31
		1/315
	A 23 6	1/31
	B 65 D	81/34
106	A 23 B	
	B 65 D	85/00
	C 12 C	1/06
107–131	A 21 D	10/02
	A 23 B	
	B 65 D	85/00
132–135	A 21 D	
	A 22 C	
	A 23 B	
	A 23 G	
	A 23 L	
138, 139	A 21 D	13/00
140	A 23 B	
	A 23 L	1/31
		1/315
	B 65 D	85/08
143	A 23 L	1/16
	B 65 D	85/08
144	A 23 L	1/216
231	A D1 K	43/00
	G D1 N	33/02
232	A D1 K	43/00
	B 65 B	55/00
	G D1 N	33/02
233	A 01 K	43/00
	A 23 D	
	A 23 L	1/24

U.S. Subclass	IPC Subclass	IPC Notation
	G 01 N	33/02
234	A 23 L	3/00
	B 65 B	55/00
235	B 65 B	1/04
		3/04
	B 65 L	3/00
236	B 65 L	3/00
237	A 21 D	6/00
	A 23 B	
	A 23 C	3/00
	B 65 L	3/00
	C 12 H	1/06
238	A 21 D	6/00
	A 23 B	
	A 23 C	3/00
	A 23 L	3/00
		3/30
239–243	A 21 D	6/00
	A 23 B	
	A 23 C	9/14
	A 23 L	3/00
244–248	A 21 D	6/00
	A 23 B	
	A 23 C	9/14
	A 23 L	3/00
		3/32
249	A 23 L	1/27
250	A 23 L	1/27
	C 12 C	5/04
251, 252	A 23 L	1/27
253–261	A 21 D	
	A 23 L	1/22
262–270	A 23 B	
	A 23 L	1/27
271	A 23 C	9/14
	C 12 H	1/04
		1/14
272, 273	A 23 C	19/00
	A 23 L	
274	A 23 G	
275	A 21 D	13/00
	A 23 G	
276	A 23 L	1/31
		1/315
277, 278	A 23 L	11/31
279, 280	A 23 G	
281	A 23 L	1/31
		1/315
282	A 23 G	
283	A 21 D	13/00
	A 23 G	
284	A 23 G	
285	A 23 C	9/00
	A 23 G	1/00
286, 287	A 23 L	
288	A 23 L	1/10
		1/36
289–296	A 23 B	
	A 23 G	
	A 23 L	1/216
		1/36
297	A 21 D	
298	A 23 B	5/00
299	A 23 B	5/00
	A 23 J	1/08
300, 301	A 23 B	5/00
302–305	A 23 B	
	A 23 F	5/00
306	A 23 B	
	A 23 F	5/00
	A 23 G	1/00
307	A 23 B	
	A 23 F	5/00
308	A 23 B	
	A 23 F	5/00
	A 23 L	1/36
309, 310	A 23 B	
	A 23 F	5/00
311	A 23 L	1/30
312–314	A 23 B	
	A 23 C	
315	A 23 B	4/04
	A 23 C	
	A 23 L	1/31
		1/315

U.S. Class 426—Con.

U.S. Subclass	IPC Subclass	IPC Notation
316	A 23 B	
	A 23 C	
	B 65 B	55/00
317–320	A 23 B	
	A 23 C	
321	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	3/00
	A 23 L	3/34
	C 12 H	1/10
322	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	3/00
	A 23 L	3/34
	B 65 B	55/00
323	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	3/00
	A 23 L	3/34
324	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	3/00
	A 23 L	3/34
	B 65 B	55/00
325, 326	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	3/36
	B 65 B	55/00
327	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	3/36
329	A 21 B	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	3/36
	C 12 B	1/18
330	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	2/16
		3/36
	C 12 C	
	C 12 H	
330.1	A 23 B	5/00
330.2	A 23 C	3/00
330.3, 330.4	A 23 L	2/00
	C 12 C	
	C 12 H	
330.5, 330.6	A 23 L	2/00
331	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	1/36
		3/36
332	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	1/31
		1/315
		3/36
		3/36
333, 334	A 21 D	4/00
	A 23 B	
	A 23 C	3/00
	A 23 K	
	A 23 L	3/36
335	A 21 D	4/00
	A 23 B	
	A 23 K	
	A 23 L	3/36
383	A 22 C	17/10
	A 23 L	
	A 23 P	1/00
384, 385	A 23 C	1/06
3848385	A 23 L	2/02
386, 387	A 23 F	3/00
		5/00
388	A 23 L	
389	A 21 D	13/00
390	A 23 G	
	A 23 L	
391	A 21 D	13/00
392	A 23 B	
	B 65 B	
		55/00
	C 12 C	3/04
393–411	A 23 B	
	B 65 B	
		55/00
412	A 23 B	
	B 65 B	
		55/00
413–415	A 23 B	
	B 65 B	
		55/00
416	A 23 L	
	A 23 P	1/00
417	A 23 C	12/02
	A 23 D	
418	A 23 L	
	C 12 C	3/04
419	A 23 K	3/02
420, 421	A 23 G	
	A 23 L	
422	C 12 C	7/14
		9/00
	C 12 H	1/04
423, 424	A 23 L	
	C 12 H	1/00
425	A 23 L	1/28
	C 12 C	3/00
426	A 23 L	1/28
427, 428	A 23 F	3/34
		3/36
		5/00
	A 23 L	1/28
429	A 23 L	1/28
430	A 23 L	1/10
		1/20
		1/28
431	A 23 L	1/20
		1/28
432–434	A 23 F	5/00
	A 23 L	1/28
435	A 23 F	3/34
		3/36
	A 23 L	1/28
436	A 23 J	1/00
	A 23 L	1/10
		1/28
437	A 23 J	1/00
	A 23 L	1/28
		1/31
		1/315
		1/325
		1/33
438	A 23 L	
439, 440	A 21 D	
441	A 23 L	1/10
442	A 23 C	
	A 23 K	
	A 23 L	
443	A 23 B	3/04
		4/04
	C 12 C	3/02
444, 445	A 23 B	4/04
446	A 21 D	13/00
	A 23 B	4/04
447–449	A 23 B	4/04
	A 23 L	1/18
450	A 23 B	3/04
		4/04
	A 23 L	1/18
451	A 23 B	3/04
		4/04
	A 23 L	1/16
452	A 23 B	4/04
	A 23 L	1/10
453, 454	A 23 B	4/04
	A 23 C	9/00
	A 23 L	1/10
455–457	A 23 B	4/04
	A 23 L	1/10
458	A 21 D	13/00
	A 23 B	4/04
	A 23 F	5/00
	A 23 L	1/10
459–463	A 23 B	4/04
	A 23 L	1/10
464	A 23 B	4/04
	A 23 L	1/10
		1/12
465	A 23 B	4/04
466–469	A 23 B	4/04
470	A 23 B	4/04
	A 23 C	1/00
471–473	A 23 B	4/04
474–476	A 23 C	
	A 23 F	
	A 23 G	
	A 23 L	
	C 12 G	
477	C 12 G	1/06
478	A 23 L	
	A 23 P	1/00
479	A 23 L	1/10
		1/28
		1/325
		1/33
		2/02
	A 23 P	1/00
		1/00
480	A 23 L	1/31
		1/315
	A 23 P	1/00
481–483	A 23 L	1/10
		1/216
	A 23 P	1/00
484	A 23 L	1/36
	A 23 P	1/00
485–488	A 23 P	1/00
489	A 23 L	1/28
		2/02
	A 23 P	1/00
490	A 23 J	1/09
	A 23 P	1/00
	C 12 G	3/08
491	A 23 C	1/00
		9/00
	A 23 P	1/00
492–494	A 23 P	1/00
	C 12 G	3/12
495	A 23 P	1/00
	C 12 C	7/16
	C 12 G	1/08
	C 12 H	1/08
496–505	A 21 D	6/00
506–508	A 23 B	
	A 23 L	1/00
		1/20
509	A 23 B	
	A 23 L	1/10
		1/20
		1/216
		1/31
		1/315
		1/325
		1/33
510, 511	A 23 B	
	A 23 L	1/10
		1/20
		1/216
	A 23 P	1/00
512, 513	A 01 J	
	A 22 C	
514–517	A 01 J	
	A 23 P	1/00
518, 519	A 01 J	
	A 23 P	1/00
	B 02 C	23/08
520	A 22 C	
521	A 23 L	3/16
522	C 12 C	7/18
523	A 23 C	3/00
524	A 23 C	3/00
	A 23 L	
		3/36
	C 12 C	9/06
530	A 23 C	15/00
531	A 23 L	
532	A 23 L	3/34
533–538	A 23 L	2/26
539	A 21 D	2/00
	A 23 L	1/27
		1/277
540	A 23 L	1/27
	C 12 C	5/04
541–547	A 23 B	
	A 23 D	
548	A 23 L	1/236
549	A 21 D	10/00
		13/00
550	A 21 D	13/04
		13/06
551	A 21 D	
552–554	A 21 D	10/04
555	A 21 D	10/00
556	A 21 D	13/08
557	A 21 L	1/16
558	A 21 D	13/04
559, 560	A 21 D	13/00
561	A 23 L	2/40
562, 563	A 21 D	2/00
564	A 23 J	9/00
565–567	A 23 G	9/00
568–571	A 23 J	3/00
572	A 23 L	1/09
573	A 23 L	1/04
		1/06
574	A 23 L	1/31
575–577	A 23 L	1/04
578	A 23 L	1/195
579	A 23 L	1/187
580	A 23 C	
581	A 23 C	15/00
582	A 23 C	19/00
583	A 23 C	17/00
		21/00
584	A 23 G	1/00
585	A 23 C	9/00
586	A 23 C	13/00
587	A 23 C	9/00
588	A 23 C	9/16
589	A 23 L	1/238
		1/40
590	A 23 L	2/00
	C 12 C	
	C 12 G	
591	A 23 L	2/40
592	C 12 G	2/00
593	A 23 G	1/00
594–596	A 23 F	5/00
597	A 23 F	3/00
598	A 23 L	2/38
599	A 23 L	2/00
600	C 12 C	3/00
601	A 23 D	5/00
602, 603	A 23 D	3/00
604	A 23 D	3/04
605	A 23 L	1/24
606–609	A 23 D	5/00
610	A 23 L	5/04
611–613	A 23 D	5/00
614	A 23 L	1/32
615	A 23 K	1/00
	A 23 L	
616	A 23 B	7/00
	A 23 L	1/212
617	A 23 L	1/212
618–619	A 23 L	1/168
		1/172
		1/18
620, 621	A 23 L	1/164
622	A 21 D	2/00
623	A 23 K	1/00
624	A 23 K	1/08
625	A 23 L	1/18
626	A 23 L	1/20
627, 628	A 23 L	
629	A 23 L	1/36
630	A 23 L	1/20
631	A 23 C	
	A 23 G	
632	A 23 L	1/36
633	A 23 L	1/38
634	A 23 L	1/20
635, 636	A 23 K	1/00
637	A 23 L	1/216
638	A 23 L	1/223
639, 640	A 23 L	
641	A 23 B	4/00
	A 23 L	1/31
642	A 23 B	
643	A 23 L	1/325
644	A 23 L	1/315
645–647	A 23 L	1/31
648	A 23 L	1/30
649	A 23 L	1/237
650	A 23 L	1/221
651	A 23 L	1/222
652–654	A 23 L	
655	A 23 L	1/28
	B 09 B	3/00
656	A 23 J	1/00
657	A 23 J	1/02
		1/04
658–660	A 23 G	3/00
661	A 23 L	1/195
662	A 23 J	7/00
663	A 23 C	3/00
664	A 23 C	15/00
665	A 23 L	
	A 23 P	1/00
800	A 23 C	
	A 23 L	
801	A 23 L	1/10
802	A 23 J	
803, 804	A 23 L	
805	A 23 K	1/18
806	A 23 K	1/175
807	A 23 K	1/18
808	A 21 D	13/00
	A 23 L	
809	A 01 D	
810	A 23 G	
	A 23 L	
811	A 23 L	

U.S. Class 427

Coating processes

(IPC B 05 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 61 B	5/10
2	A 01 N	1/02
	A 61 K	
3	A 61 K	9/00
		15/00
		21/00
4	A 01 G	5/06
	A 01 N	1/00
		3/00
5	A 61 N	5/12
6	G 21 C	3/06
7	B 41 M	3/14
	B 44 F	1/12
8–12	B 05 D	
13–33	B 05 D	1/04
		1/06
		5/00
34	B 05 D	1/00
		1/08
35–44	B 05 D	3/06
45.1, 46	B 05 D	3/02
47–52	B 05 D	3/14
53.1–56.1	B 05 D	3/06
57	B 05 D	3/12
58–63	B 05 D	5/12
64–73	B 05 D	5/06
		5/12
74–132	B 05 D	5/12
133–135	B 44 D	1/20
136–137	B 05 C	1/16

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 427—Con.		
	B 05 0	5/10
	E 01 C	5/00
		11/24
		17/00
138–139	B 05 0	5/10
	E 01 C	5/12
140	B 32 B	35/00
141	B 41 J	31/14
143	B 41 N	1/24
144	B 41 L	7/00
		9/00
		23/00
		25/00
145	B 41 M	5/16
		5/18
		5/20
146–153	B 41 M	3/12
146–	B 41 M	5/00
154–156	B 05 0	
	B 65 B	33/00
157–158	B 05 B	5/00
	D 06 L	3/12
159	F 21 H	3/00
160–161	B 05 B	5/00
162–169	B 05 0	5/06
170	B 05 D	5/00
	0 06 C	29/00
171–176	B 05 C	3/107
	B 05 0	3/12
	B 21 F	9/00
	B 29 0	7/24
	0 06 C	3/00
		5/00
177	B 05 0	3/12
	B 29 0	7/26
	B 65 H	
178	B 05 0	3/12
	B 21 C	47/00
	B 65 H	
179	B 05 0	3/12
	B 65 H	
180	B 05 0	1/12
181	B 05 0	7/22
182	B 05 D	1/24
		7/22
183	B 05 0	7/22
184	B 05 0	3/12
185	B 05 0	1/24
186–188	B 05 0	1/12
		1/24
189–195	B 05 0	3/02
		3/08
		3/10
196	B 05 D	1/34
197–199	B 05 D	5/00
200	B 05 0	1/14
		1/16
		5/00
201–205	B 05 0	1/36
206	B 05 0	1/14
		1/16
		1/36
207.1	B 05 D	5/10
208–208.8	B 05 0	5/10
209–211	B 05 0	1/00
		5/00
212–222	B 05 D	7/00
213.3–213.36	B 01 J	13/02
	B 05 0	7/00
223–225	B 05 0	3/08
226–229	B 05 D	3/02
230–239	B 05 0	7/22
240–242	B 05 D	3/12
243–247	B 05 0	5/00
248.1	C 23 C	16/00
249–255.7	C 23 C	16/00
256–257	B 05 0	5/00
258	B 05 0	1/36
		5/00
259	B 05 0	1/32
		1/36
		5/00
260	B 05 0	1/28
		1/36
		5/00
261–263	B 05 0	1/36
		5/00
264	B 05 0	1/36
		3/00
		5/00
265–269	B 05 D	1/36
		5/00
270–271	B 05 0	3/00
		5/00
272	B 05 0	1/32
		3/00
		5/00
273–278	B 05 0	3/00
		5/00
279–281	B 05 0	5/00
282	B 05 0	1/32
		5/00
283–288	B 05 0	5/00
289–293	B 05 0	3/12
294–300	B 05 0	3/00
301–313	B 05 0	3/04
		3/10
314–321	B 05 0	3/02
322–330	B 05 D	3/00
		3/12
331	B 05 D	1/40
		3/00
332–344	B 05 0	3/04
		3/10
345	B 05 0	1/40
		3/12
346–347	B 05 0	3/12
348–349	B 05 0	3/04
		3/12
350–351	B 05 0	3/12
352–354	B 05 0	3/00
355–371	B 05 0	3/12
372.2	B 05 0	3/02
373	B 05 D	3/02
374.1–374.7	B 05 D	3/02
375	B 05 0	3/02
376.1–376.8	B 05 0	3/02
377–378	B 05 0	3/02
		3/04
379–382	B 05 0	3/02
383.1–383.9	B 05 D	3/02
384	B 05 0	3/02
385.5	B 05 0	3/02
386, 387	B 05 0	3/02
388.1–388.5	B 05 0	3/02
389–389.9	B 05 0	3/02
391–393.6	B 05 0	3/02
394–397.8	B 05 0	3/02
398.1–398.5	B 05 0	3/00
399–400	B 05 0	5/00
401	B 05 0	1/00
		3/00
402–406	B 05 0	1/36
		7/00
407.1–407.3	B 05 0	1/36
		7/00
408–418	B 05 0	1/36
		7/00
419.1–419.8	B 05 0	1/36
		7/00
420	B 05 0	1/30
421–422	B 05 0	1/02
423	B 05 0	1/08
424–425	B 05 0	1/02
426	B 05 D	1/34
		1/36
427	B 05 0	1/02
428–429	B 05 0	1/28
430.1–419.8	B 05 0	1/18
431–433	B 05 0	1/18
434.2–434.7	B 05 D	1/18
435–443.2	B 05 0	1/18
444	B 05 0	3/00
445	B 05 0	

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 428		
Stock material or miscellaneous articles		
(IPC B 32 B)		
1	C 09 K	19/00
2	B 65 D	71/00
3	A 44 C	23/00
		25/00
	A 47 G	33/02
4–5	D 04 0	7/06
		7/10
6	A 41 G	9/00
		11/00
7–11	A 47 G	33/04
	G 09 F	17/00
		19/00
12	A 45 B	19/00
		27/00
	A 45 C	7/00
	A 45 F	
13–14	A 47 G	1/12
	B 44 F	
15	A 01 N	1/00
		3/00
	A 41 G	3/00
		5/00
	B 44 F	7/00
16	A 01 N	1/00
17–27	A 01 N	3/00
	A 41 G	1/00
28	B 44	
29	B 44 F	1/10
30	B 44 F	1/10
		1/14
31	B 60 R	13/00
32	0 04 0	
33	F 16 B	2/00
		5/07
		5/10
34	E 06 B	3/24
		3/26
		3/28
35	B 27 N	5/02
	B 65 0	
36	F 16 L	
37	D 04 H	3/02
38	B 44 C	5/08
	B 44 F	1/06
39	B 44 C	1/10
		1/16
40–42	A 61 F	13/02
	0 06 N	
	0 21 H	
	E 04 F	15/16
43	B 65 0	65/28
	G 09 F	3/00
44	B 32 B	3/10
45	B 32 B	3/02
46	B 32 B	3/10
47–51	B 32 B	3/14
		3/16
52	B 32 B	7/08
53	B 32 B	3/00
54	B 32 B	3/10
55–56	B 32 B	3/14
		3/16
57–61	B 32 B	3/00
62	B 32 B	3/00
	0 04 H	11/00
63	B 32 B	3/26
64–66	B 32 B	3/02
67	B 44 C	1/26
		1/28
		3/12
68–70	B 32 B	1/04
		3/02
71–73	B 32 B	3/00
74–76	B 32 B	1/04
		3/02
77–78	B 32 B	3/14
		3/16
7984	B 32 B	3/02
85–89	B 32 B	3/02
		33/00
	0 03 D	27/00
	D 04 H	11/00
	0 05 C	17/00
90	B 05 0	1/14
		1/16
	B 32 B	33/00
91	B 32 B	33/00
	D 06 C	11/00
92–97	B 32 B	3/02
		33/00
	D 03 0	27/00
	0 04 H	11/00
	D 05 C	17/00
98	B 32 B	5/00
		7/00
99–101	B 32 B	3/06
102–104	B 32 B	3/06
		9/00
105–114	B 32 B	5/12
115	B 32 B	3/02
	0 04 0	5/00
		7/08
116–118	B 32 B	3/12
119–120	B 32 B	7/00
121–130	B 32 B	3/04
131–140	B 32 B	3/10
141–155	B 32 B	
	D 06 N	7/04
156	B 32 B	3/00
157	B 32 B	3/02
158–160	B 32 B	3/12
		3/26
161–162	B 32 B	3/00
163	B 32 B	3/28
		3/30
164	B 32 B	3/00
		15/00
165	B 32 B	3/00
		23/00
		25/00
166	B 32 B	3/00
167–169	B 32 B	3/28
		3/30
170–171	B 32 B	5/14
172–173	B 32 B	3/00
174	B 32 B	1/00
		3/00
175–176	B 32 B	1/00
		3/00
	0 03 0	3/08
177	B 32 B	1/00
		3/02
178	B 32 B	1/00
		3/12
179–186	B 32 B	3/28
		3/30
187	B 32 B	1/00
		3/00
188	B 32 B	3/20
189–190	B 32 B	3/00
191	B 32 B	3/00
		23/02
192–194	B 32 B	23/02
195–197	B 32 B	3/00
		27/14
198	B 32 B	27/14
199	B 32 B	23/00
	0 21 H	25/10
200	B 32 B	3/00
		7/06
		7/10
201	B 32 B	3/00
		7/14
202	B 32 B	3/00
		7/06
203	B 32 B	3/00
		7/14
204	B 32 B	3/00
		5/16
		7/14
205	B 32 B	3/00
		7/14
		9/00
		27/00
206–207	B 32 B	3/00
		5/16
		7/00
208	B 32 B	3/00
		5/16
		7/00
		15/00
		19/00
209	B 32 B	3/00
		7/00
		15/00
210	B 32 B	3/00
		7/00
		17/00
		18/00
211	B 32 B	3/00
		7/00
		29/00
212–218	B 32 B	7/02
219–221	B 32 B	
222	0 03 0	13/00
223	B 32 B	7/08
224–225	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	0 04 H	1/00
		3/00
		5/00
		11/00
		13/00
226–227	D 03 0	3/00
		15/00
		17/00
		25/00
	0 04 B	1/00
228	B 32 B	17/02
	0 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
229–232	0 03 0	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
233–239	B 32 B	5/02
		5/06
		29/00
	0 03 D	3/00
		15/00
		17/00
		25/00
	0 04 B	1/00
240	B 32 B	5/16
	0 03 0	3/00
		15/00
		17/00
		25/00
	0 04 B	1/00
	0 04 H	1/00
		3/00
		5/00
		11/00
		13/00
241	B 32 B	5/16
		17/00
		18/00
	0 03 0	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
242	B 32 B	5/16
		15/00
	0 03 D	3/00
		15/00
		17/00
		25/00
	0 04 B	1/00
	0 04 H	1/00
		3/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 428—Con.		
		5/00
		11/00
		13/00
243	B 32 B	5/16
		23/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
244	B 32 B	5/16
		9/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
245–246	B 32 B	7/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
247	B 32 B	7/00
	D 03 D	3/00
		9/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
248–249	B 32 B	7/00
		23/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
250	B 32 B	7/00
		25/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
251	B 32 B	7/00
		15/00
		17/00
		19/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		5/00
		11/00
		13/00
252	B 32 B	7/00
		27/00
	D 03 D	3/00
		15/00
	D 04 B	1/00
	O 04 H	1/00
		3/00
		5/00
		11/00
		13/00
253–254	B 32 B	7/00
	D 04 B	1/00
255	B 32 B	7/00
	D 03 D	9/00
	D 04 B	1/00
256	B 32 B	7/00
		15/00
	O 03 O	9/00
	O 04 B	1/00
257–258	B 32 B	7/00
	O 03 O	13/00
	O 04 B	1/00
259	B 32 B	7/00
	D 03 D	15/00
	D 04 B	1/00
260–262	B 32 B	7/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	O 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
263	B 32 B	7/00
		15/00
		25/00
	O 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	O 04 H	1/00
		3/00
264	B 32 B	7/00
		23/00
	D 03 O	3/00
		15/00
		17/00
		25/00
	O 04 B	1/00
	O 04 H	1/00
		3/00
265	B 32 B	7/00
		27/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
266	B 32 B	7/00
		25/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		5/00
		11/00
		13/00
267	B 32 B	7/00
		27/34
	O 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
268	B 32 B	7/00
		17/02
	O 03 O	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
269	B 32 B	5/06
		7/00
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
270	B 32 B	7/00
		9/02
	O 03 D	3/00
		15/00
		17/00
		25/00
	O 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
271	B 32 B	7/00
		19/08
	O 03 O	3/00
		15/00
		17/00
		25/00
	O 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		17/00
		25/00
		11/00
272	B 32 B	7/00
		27/00
	O 03 D	3/00
		15/00
		17/00
		25/00
	O 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
273	B 32 B	7/00
		17/02
	D 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
274	B 32 B	7/00
		13/00
		23/00
	O 03 D	3/00
		15/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
275–277	B 32 B	7/00
		9/00
	O 03 O	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
278	B 32 B	7/00
		27/42
	O 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
279	B 32 B	7/00
		9/00
	O 03 D	3/00
		15/00
		17/00
		25/00
	D 04 B	1/00
	D 04 H	1/00
		3/00
		5/00
		11/00
		13/00
280–281	O 04 H	1/08
282	O 04 H	1/16
283	B 32 B	5/16
	D 04 H	
284	B 32 B	
	D 04 H	
285	B 32 B	15/00
		17/00
	D 04 H	
286	B 32 B	27/00
	D 04 H	
287	B 32 B	27/34
		27/36
	D 04 H	
288–289	D 04 H	1/58
290	B 32 B	27/00
	D 04 H	
291	B 32 B	9/00
		11/00
292–295	O 04 H	
296	D 04 H	1/04
297–302	B 32 B	5/06
		5/22
303	B 32 B	
304.4	B 32 B	3/26
305.5	B 32 B	3/26
306.6	B 32 B	3/06
307.3	B 32 B	3/06
307.7	B 32 B	5/14
308.4	B 32 B	5/14
308.8	B 32 B	5/14
309.9	B 32 B	5/14
310.5	B 32 B	5/14
311.1	B 32 B	5/24
311.3	B 32 B	5/24
311.5	B 32 B	3/26
311.7	B 32 B	3/26
311.9	B 32 B	3/26
312.2	B 32 B	3/26
312.4	B 32 B	3/26
312.6–316.6	B 32 B	3/26
317.1–317.7	B 32 B	7/12
317.9	B 32 B	5/22
318.4	B 32 B	9/00
318.6	B 32 B	3/26
318.8	B 32 B	5/20
319.1	B 32 B	3/26
319.3	B 32 B	27/00
319.7	B 32 B	27/00
319.9	B 32 B	27/00
320.2	B 32 B	3/26
320.4	B 41 M	5/22
320.6	B 41 M	5/22
320.8	B 41 M	5/16
321.1	B 32 B	3/26
321.3	B 41 M	5/025
321.5	B 32 B	3/26
322.2	B 32 B	3/26
322.7	B 32 B	3/26
323.	B 32 B	5/16
324.	B 32 B	5/16
		19/00
325.	B 32 B	5/16
		9/00
		17/00
325	B 32 B	18/00
326.	B 32 B	23/00
326	B 32 B	5/16
327.	B 32 B	5/16
		27/00
328. –331	B 32 B	5/16
		9/00
		15/00
332. –342	B 32 B	
343.	C 09 U	7/02
344.	B 32 B	15/00
	C 09 J	7/02
345. –347	C 09 J	7/02
348.	B 32 B	9/00
	C 09 J	7/02
349.	B 32 B	27/00
	C 09 J	7/02
350. –355	C 09 J	7/02
356.	B 32 B	9/00
		15/00
		25/00
357.	B 32 B	5/16
		15/02
		17/02
		21/02
		23/02
		27/02
	O 02 G	3/00
357	B 32 B	19/00
358. –362	D 02 G	3/00
363.	B 32 B	5/16
		19/00
364.	D 02 G	3/00
365.	D 02 G	3/00
	D 04 H	
366. –368	B 32 B	9/00
	D 02 G	3/00
369. –378	O 02 G	3/00
379. –381	B 32 B	15/00
	O 02 G	3/00
382.	B 32 B	25/00
	D 02 G	3/00
383.	B 32 B	27/00
	D 02 G	3/00
384	B 32 B	9/00
		17/00
	D 02 G	3/00
385–386	B 32 B	15/00
	D 02 G	3/00
387	B 32 B	9/00
		15/00
	D 02 G	3/00
388	B 32 B	9/00
		15/00
		17/00
	O 02 G	3/00
389	B 32 B	9/00
		15/00
	D D2 G	3/00
390	B 32 B	9/00
		15/00

U.S. Class 428—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		23/00
		25/00
	D D2 G	3/00
391	B 32 B	9/00
		25/20
	D D2 G	3/00
392	B 32 B	9/00
	D D2 G	3/00
393	B 32 B	23/00
	D D2 G	3/00
394	B 32 B	27/00
	D D2 G	3/00
395	B 32 B	27/34
		27/36
	D D2 G	3/00
396–401	D D2 G	3/00
402–407	B 32 B	5/16
		9/00
		15/02
		17/02
		19/00
		21/02
		23/02
		27/02
402.2	B 32 B	5/16
		9/02
		9/04
402.21	B 32 B	25/00
		27/00
402.22	B 32 B	25/00
		27/00
402.24	B 32 B	5/16
		9/02
		9/04
408	B 32 B	9/00
409	B 32 B	
410	B 32 B	17/00
411	B 32 B	9/04
412	B 32 B	27/36
413–414	B 32 B	27/38
415	B 32 B	17/10
		27/38
416	B 32 B	15/08
		27/38
417	B 32 B	17/10
		27/38
418	B 32 B	15/08
		27/38
419	B 32 B	27/06
420	B 32 B	7/04
		31/06
421–422	B 32 B	27/00
422.8	B 32 B	27/00
		27/40
423.1–423.9	B 32 B	27/00
		27/40
424.2–424.8	B 32 B	27/00
		27/40
425.1–425.9	B 32 B	27/00
		27/40
426	B 32 B	17/06
427–429	B 32 B	9/00
		17/06
430–431	B 32 B	9/00
		17/10
432–434	B 32 B	15/00
		17/06
435	B 32 B	17/10
		27/34
436–437	B 32 B	17/10
		27/42
438	B 32 B	17/08
		23/04
		23/22
439	B 32 B	17/08
		23/20
440	B 32 B	11/04
		17/06
441–442	B 32 B	17/10
443	B 32 B	19/04
444	B 32 B	15/04
445	B 32 B	19/04
		23/04
446	B 32 B	9/04
		13/04
447–448	B 32 B	9/04
449	B 32 B	9/06
		11/06
450	B 32 B	9/06
		15/04
451	B 32 B	13/12
452	B 32 B	9/06
		15/04
453	B 32 B	9/04
454	B 32 B	9/04
		13/04
		19/04
455	B 32 B	9/04
456	B 32 B	9/04
	D 06 N	1/00
457	B 32 B	15/04
458	B 32 B	15/08
459	B 32 B	9/02
		15/08
		27/34
		27/36
460	B 32 B	15/08
		27/42
461–463	B 32 B	15/08
		27/00
464	B 32 B	15/10
		15/12
465–466	B 32 B	15/06
467	B 32 B	9/00
		15/04
468	B 32 B	11/00
		15/04
469–472	B 32 B	9/00
		15/04
473	B 32 B	9/02
		9/04
473.5	B 32 B	27/00
		27/06
474.4	B 32 B	27/08
		27/34
474.7, 474.9	B 32 B	27/06
		27/34
475.2	B 32 B	27/28
		27/36
475.5	B 32 B	27/08
		27/34
475.8	B 32 B	27/08
		27/30
		27/34
476.1	B 32 B	27/08
		27/32
		27/34
476.3	B 32 B	27/08
		27/30
		27/34
476.6	B 32 B	9/02
		9/04
		27/30
476.9	B 32 B	27/08
		27/32
		27/34
477.4	B 32 B	27/08
		27/34
		27/42
477.7	B 32 B	27/08
		27/34
478.2	B 32 B	9/02
		9/04
478.4	B 32 B	9/02
		9/04
		23/04
478.8	B 32 B	9/02
		9/06
		29/00
479.3	B 32 B	23/08
		27/34
479.6	B 32 B	21/08
		27/10
480	B 32 B	27/06
		27/36
481	B 32 B	27/10
482–483	B 32 B	27/06
		27/36
484–485	B 32 B	9/04
486–487	B 32 B	9/06
488	B 32 B	5/16
		9/06
489	B 32 B	11/00
	D D6 N	5/00
490–491	B 32 B	11/06
	D D6 N	5/00
492–493	B 32 B	25/04
		25/12
494–495	B 32 B	25/08
		25/12
496	B 32 B	25/06
		25/12
497	B 32 B	9/04
498–499	B 32 B	9/06
500	B 32 B	27/00
501–506	B 32 B	27/08
		27/42
507–510	B 32 B	23/08
		27/06
511–514	B 32 B	23/08
		27/10
515–520	B 32 B	27/08
521	B 32 B	27/32
522	B 32 B	27/30
523	B 32 B	27/32
524	B 32 B	27/42
525	B 32 B	27/08
		27/42
526–527	B 32 B	23/08
		27/42
528–529	B 32 B	21/08
		27/42
530–531	B 32 B	27/08
		27/42
532	B 32 B	23/04
		29/00
533	B 32 B	23/04
534	B 32 B	21/06
		23/04
535	B 32 B	21/06
		21/14
		29/00
536	B 32 B	23/04
		23/06
537	B 32 B	21/04
		21/06
539.5	B 21 F	
	B 22 F	
	B 32 B	
540	C 14 C	9/00
541	B 27 K	
542.2–542.6	A 47 G	35/00
542.8	B 29 B	7/00
543	B 32 B	9/04
544	B 21 C	3/22
	B 21 F	
	B 22 D	3/00
		5/00
		7/00
		9/00
		11/00
		21/00
		23/00
		25/00
	B 32 B	
	H D1 B	
	H 01 F	1/16
		3/00
		3/01
		3/02
		3/03
		3/04
		3/05
		3/06
545–547	B 22 F	3/00
		3/26
		5/00
		7/00
	C 22 C	28/00
		29/00
548, 549	B 22 F	7/00
		7/01
		7/02
	B 23 K	35/36
550	B 22 F	3/10
	B 32 B	5/18
551, 552	B 22 F	3/00
		5/00
		7/00
553–556	B 22 F	7/04
		7/08
	B 32 B	15/02
	H D1 F	3/02
557–565	B 22 F	7/04
		7/08
	B 32 B	15/02
566	H D1 F	3/02
		3/04
		3/06
567–569	B 22 F	3/26
		5/00
		7/00
570–572	B 22 F	
573–575	B 21 C	37/00
	B 21 F	
	B 21 H	8/00
	B 32 B	3/00
576	B 22 F	
577–585	B 21 C	1/00
		27/00
	B 21 F	
	B 21 H	3/00
586, 587	B 21 F	
588, 589	B 21 H	3/00
590	B 23 P	
591	B 21 C	
	B 21 F	
592	B 21 C	37/00
	B 21 F	
593	B 21 D	39/00
	B 32 B	3/12
595	B 21 C	37/00
	B 21 F	
596	B 21 B	
	B 21 C	27/00
	B 21 D	28/00
	B 32 B	3/23
597–599	B 21 B	
	B 21 C	27/00
	B 21 D	28/00
	B 21 F	27/00
600–602	B 22 F	5/00
	B 32 B	3/00
		3/30
603	B 21 D	13/00
	B 22 F	5/00
	B 32 B	
604	B 21 D	13/00
	B 22 F	5/00
	B 32 B	3/28
		3/30
605	B 23 P	17/06
606, 607	B 21 C	37/00
	C 25 D	7/04
608, 609	B 21 C	37/00
	B 32 B	7/00
610	B 22 D	25/00
		27/00
	B 32 B	5/14
		7/10
611	H D1 F	1/00
612	B 21 B	5/22
	B 21 C	
	B 21 D	39/00
	B 32 B	
615	B 22 C	23/22
	B 32 B	15/00
	C 25 D	5/10
616–619	C 23 C	
620	H D1 L	29/12
621–624	B 21 D	39/00
625	B 32 B	15/06
626	B 32 B	15/08
627	B 32 B	15/04
628	C 25 D	
629	C 25 D	11/02
630–634	C D3 C	27/02
		27/04
		27/08
		29/00
635	B 32 B	
636	B 32 B	15/00
	C 25 D	5/10
637, 638	B 32 B	15/18
639, 640	B 32 B	15/00
641	B 32 B	15/00
642	B 32 B	15/01
643–645	B 32 B	15/00
	C 25 D	
646–648	B 32 B	15/01
649	B 32 B	15/00
	C 25 D	5/42
650–654	B 32 B	15/10
	C 25 D	
655, 656	B 32 B	15/00
	C 25 D	5/10
657–659	B 32 B	15/00
	C 25 D	5/10
660–662	B 32 B	15/00
	C 25 D	5/10
		5/28
663–667	B 32 B	15/00
	C 25 D	5/10
668	B 32 B	15/00
	C 25 D	5/10
		5/26
669	B 32 B	15/01
	C 25 D	5/24
670	B 32 B	15/01
671	B 32 B	15/20
672, 673	B 32 B	15/01
674–677	B 32 B	15/20
678–680	B 32 B	15/00
678, 679	B 32 B	15/18
680	B 32 B	15/01
681–685	B 32 B	15/00
	C 25 D	5/10
686	B 23 P	
	B 32 B	
	C 23 C	
	C 23 P	
687	B 23 P	9/00
	C 23 F	3/00
688–693	B 32 B	9/00
		19/00
694	G 11 B	5/66
		5/70
695	G 11 B	5/72
696–702	B 32 B	9/00
		19/00
703	B 32 B	13/00
914	B 41 M	3/12
920, 921	B 27 N	9/00
923–926	B 32 B	3/00
		5/00
927	B 32 B	3/00
		33/00
928	H 01 F	1/00
929	H 01 H	1/02
930	H 01 L	39/00
931	H 01 B	5/10
932	B 24 B	
933	C 23 F	13/00
934–938	C 25 D	
941	C 23 C	8/00
		10/00

U.S. Class 429

Chemistry, electrical current producing apparatus, product, and process

(IPC H 01 M)

U.S. Subclass	IPC Subclass	IPC Notation
1	H D1 M	2/00
2	H D1 M	8/16
3–8	H 01 M	14/00
9	H D1 M	12/00
10	H 01 M	2/00
11	H 01 M	6/36
12, 13	H D1 M	8/00
14, 15	H D1 M	8/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 429—Con.		
16	H 01 M	8/14
17	H 01 M	8/04
18	H 01 M	8/24
19–21	H 01 M	8/18
22–26	H 01 M	8/04
		8/12
27–29	H 01 M	4/00
30–33	H 01 M	8/10
34	H 01 M	2/00
		2/02
35–37	H 01 M	2/08
38, 39	H 01 M	2/14
40–45	H 01 M	4/86
		4/90
		4/96
46	H 01 M	8/08
		8/14
47	H 01 M	2/00
48	H 01 M	6/00
		8/00
		10/00
49	H 01 M	6/50
		10/42
50	H 01 M	10/44
51	H 01 M	2/38
52	H 01 M	10/44
53–56	H 01 M	2/12
57–60	H 01 M	10/34
		10/52
61	H 01 M	2/00
62	H 01 M	10/50
63–65	H 01 M	2/00
66	H 01 M	4/00
67–69	H 01 M	2/38
70	H 01 M	2/40
71	H 01 M	2/12
72–79	H 01 M	2/36
80, 81	H 01 M	2/38
82–89	H 01 M	2/12
90–93	H 01 M	10/48
94	H 01 M	4/00
		6/10
95	H 01 M	2/36
96–100	H 01 M	2/10
101	H 01 M	4/36
		6/24
102–109	H 01 M	4/36
		4/48
		6/20
110, 111	H 01 M	6/30
112	H 01 M	6/36
113–117	H 01 M	6/36
		6/38
118	H 01 M	6/32
119	H 01 M	6/34
120	H 01 M	10/50
121	H 01 M	2/26
		2/28
122	H 01 M	6/00
		10/00
123	H 01 M	10/38
124	H 01 M	6/40
125	H 01 M	6/28
126	H 01 M	6/04
		10/12
127	H 01 M	6/00
		8/00
		10/00
128	H 01 M	4/00
129	H 01 M	2/14
130	H 01 M	2/18
131, 132	H 01 M	2/14
133	H 01 M	2/18
134	H 01 M	2/16
135	H 01 M	2/16
		2/18
136	H 01 M	2/18
137	H 01 M	2/16
		2/18
138–141	H 01 M	2/18
142–147	H 01 M	2/16
		2/18
148	H 01 M	2/00
149–151	H 01 M	6/42
152–155	H 01 M	6/46
156, 157	H 01 M	6/42
158	H 01 M	2/24
		6/42
159	H 01 M	6/42
160	H 01 M	2/24
		6/42
161	H 01 M	2/26
		2/28
162	H 01 M	6/12
		6/46
163	H 01 M	2/00
164	H 01 M	2/02
		6/08
165–171	H 01 M	2/02
172–175	H 01 M	2/08
176	H 01 M	2/04
177–179	H 01 M	2/02
180	H 01 M	2/08
181	H 01 M	2/02
182–185	H 01 M	2/08
186, 187	H 01 M	2/10
188, 189	H 01 M	6/04
190	H 01 M	6/14
191	H 01 M	6/18
192	H 01 M	6/16
		6/18
194–197	H 01 M	6/14
198	H 01 M	6/16
199–205	H 01 M	6/04
206, 207	H 01 M	6/04
		10/26
208	H 01 M	10/16
209	H 01 M	4/02
210	H 01 M	6/48
		10/18
211	H 01 M	4/02
212–216	H 01 M	4/60
217	H 01 M	4/62
218	H 01 M	4/58
219	H 01 M	4/34
		4/54
		10/32
220	H 01 M	4/36
		4/48
		4/58
221	H 01 M	4/36
		4/52
		4/58
222	H 01 M	4/36
		4/44
		4/58
223	H 01 M	4/32
		4/52
		4/58
224	H 01 M	4/50
225	H 01 M	4/56
226	H 01 M	4/36
227	H 01 M	4/58
228	H 01 M	4/56
		4/57
229	H 01 M	4/42
		4/58
230	H 01 M	4/42
231	H 01 M	4/48
232	H 01 M	4/62
233	H 01 M	4/64
		4/72
234	H 01 M	4/72
235–237	H 01 M	4/80
238	H 01 M	4/76
239	H 01 M	4/70
240–244	H 01 M	4/74
245	H 01 M	4/66
		4/68
246–255	H 01 M	2/16

U.S. Class 430

Radiation imagery chemistry, process, composition or product

(IPC G 03 C)

1	G 03 H	1/04
2	G 03 C	
3	G 03 H	3/00
4–7	G 03 F	9/00
8	G 03 C	5/00
9–18	G 03 C	3/00
19	G 03 C	11/00
20	C 09 K	19/00
	G 02 F	1/03
21	G 03 C	11/00
22	G 03 F	9/00
23–29	G 03 C	5/00
30	G 03 C	5/00
31	G 03 G	13/00
32–38	G 03 G	17/04
39	G 03 G	19/00
40, 41	G 03 G	13/00
42–47	G 03 G	13/01
48	G 03 G	13/04
49	G 03 G	13/28
50	G 03 G	16/00
51	G 03 G	13/00
52	G 03 G	17/02
53	G 03 G	17/00
54	G 03 G	13/00
55	G 03 G	13/24
56	G 03 G	15/00
57–59	G 03 G	15/02
60–69	G 03 G	15/04
70–82	G 03 G	15/05
		15/06
83	G 03 G	15/09
84–95	G 03 G	15/08
96	G 03 G	15/05
97	G 03 G	13/06
98, 99	G 03 G	13/20
100–103	G 03 G	13/06
104	G 03 G	9/00
		11/00
105, 106	G 03 G	9/00
106.6	G 03 G	9/14
107	G 03 G	9/10
108–116	G 03 G	9/00
117–123	G 03 G	9/08
124	G 03 G	13/20
125	G 03 G	21/00
126	G 03 G	13/14
127–137	G 03 G	5/00
138	G 03 C	1/72
139	G 03 C	5/16
140	G 03 C	5/14
141–143	G 03 C	5/18
144	G 03 C	5/24
145–148	G 03 C	5/18
149–153	G 03 C	5/24
154–197	G 03 C	1/52
198	G 03 C	11/00
199–226	G 03 C	5/54
227–234	G 03 C	3/00
235–251	G 03 C	5/00
252–255	G 03 C	3/00
256–258	G 03 C	11/12
259–263	G 03 C	1/90
264–267	G 03 C	1/06
268	G 03 C	5/24
269	G 03 C	5/00
270–279	G 03 C	1/495
		1/76
280–288	G 03 C	1/68
		1/71
		1/727
289	G 03 C	1/66
290–298	G 03 C	5/00
299	G 03 C	5/24
300, 301	G 03 F	7/00
302–307	G 03 F	7/02
308	G 03 F	7/12
309, 310	G 03 F	7/00
311–331	G 03 C	5/00
332–345	G 03 C	1/727
		5/00
346, 347	G 03 C	5/00
		5/44
348–355	G 03 C	5/16
356	G 03 C	5/00
357–366	G 03 C	7/00
367	G 03 C	5/22
368	G 03 C	1/64
369	G 03 C	7/04
370	G 03 C	11/18
371–373	G 03 C	7/40
374–389	G 03 C	7/16
390–392	G 03 C	7/32
393	G 03 C	7/00
394	G 03 C	5/00
395	G 03 C	5/10
		5/20
395	G 03 C	5/10
		5/20
396, 397	G 03 C	5/04
398	G 03 C	3/00
399	G 03 C	5/24
400	G 03 C	5/38
401–406	G 03 C	5/24
407	G 03 C	5/50
408–418	G 03 C	5/24
419, 420	G 03 C	5/38
421–429	G 03 C	5/24
430, 431	G 03 C	5/44
432–450	G 03 C	5/24
451–453	G 03 C	5/36
		5/38
454	G 03 C	5/40
455–460	G 03 C	5/38
461, 462	G 03 C	5/42
		5/44
463	G 03 C	11/00
464–493	G 03 C	5/24
494	G 03 C	5/04
495, 496	G 03 C	1/00
		3/00
497–499	G 03 C	1/48
500, 501	G 03 C	3/02
502–507	G 03 C	1/46
508, 509	G 03 C	1/08
510–512	G 03 C	1/84
513–516	G 03 C	1/495
		1/84
517–522	G 03 C	1/06
		1/84
523	G 03 C	1/76
524–526	G 03 C	1/94
527–530	G 03 C	1/82
531–537	G 03 C	1/76
538	G 03 C	1/86
539	G 03 C	1/76
540	G 03 C	1/64
541	G 03 C	7/32
542–563	G 03 C	1/08
		7/26
		7/32
564–595	G 03 C	1/02
596–598	G 03 C	1/00
599–605	G 03 C	1/06
606	G 03 C	1/36
607–615	G 03 C	1/06
616–620	G 03 C	1/00
621–626	G 03 C	1/30
627–644	G 03 C	1/02

U.S. Class 431

Combustion

(IPC F 23 D)

1	F 23 C	11/04
2	F 23	
	F 27	
3	F 23 J	
4	F 23 J	7/00
5	F 23 O	14/00
	F 23 G	7/08
	F 23 J	15/00
6	F 23 N	5/20
		5/22
7	F 23 O	3/40
		19/00
8	F 23 C	5/00
	F 23 M	3/02
9	F 23 M	3/00
10	F 23 M	3/04
11	F 23 O	11/44
	F 23 L	15/00
12	F 23 N	
13	F 23 O	5/12
14	F 23 N	5/26
15, 16	F 23 N	5/24
17	F 23 O	
18, 19	F 23 N	
20	F 23 N	3/00
21	F 23 N	5/02
22, 23	F 23 N	5/24
24–26	F 23 N	
	F 23 Q	23/00
27–31	F 23 N	5/00
32	F 23 N	5/24
33	F 23 N	5/00
34	F 23 O	3/26
35	F 23 N	5/00
36–41	F 23 N	1/00
42–61	F 23 Q	9/08
62, 63	F 23 N	5/00
64	F 23 O	5/14
65	F 23 O	5/16
66, 67	F 23 N	5/00
68	F 23 N	5/24
69–78	F 23 N	5/00
79	F 23 N	5/08
80	F 23 N	5/10
81–87	F 23 N	5/00
88	F 23 N	5/24
89, 90	F 23 N	
91	F 41 H	9/02
99	F 21 P	5/00
100	F 21 H	
101–113	F 21 H	7/00
114	F 23 O	
115, 116	F 23 L	
117–119	F 23 O	5/12
120	F 23 O	3/28
121–123	F 23 O	11/38
		14/50
124	F 23 Q	2/38
125–127	F 23 Q	2/32
128	F 23 Q	7/00
129–141	F 23 Q	2/08
142, 143	F 23 Q	2/00
144–152	F 23 Q	25/00
153–155	F 23 O	11/36
156	F 23 O	
157	F 23 L	17/00
158	F 23 R	
159	F 23 O	11/00
160	F 23 O	11/36
161–167	F 23 O	11/44
168	F 23 O	11/04
169	F 23 O	11/08
170	F 23 O	19/00
		21/00
171, 172	F 23 M	9/06
173	F 23 C	5/32
174	F 23 C	5/00
175, 176	F 23 C	5/28
177	F 23 C	5/08
178–181	F 23 C	5/08
182–185	F 23 M	9/00
186	F 23 C	5/06
187	F 23 C	7/00
188	F 23 M	9/00
189	F 23 C	5/06
190	F 23 L	9/00
191–194	F 24 C	3/10
195–201	F 23 O	5/00
202	F 23 O	7/00
203–206	F 23 O	11/00
207–248	F 23 O	11/44
249–253	F 23 O	
254	F 23 Q	1/04
		7/12
255–257	F 23 Q	7/12
258	F 23 Q	7/06
259, 260	F 23 Q	7/08
261	F 23 Q	3/00
262	F 23 Q	7/08
263	F 23 Q	7/06
264–266	F 23 Q	3/00
267	F 23 Q	1/00
268	F 23 Q	11/00
269	A 24 F	27/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 431—Con.		
270	F 23 Q	1/02
271, 272	A 24 F	27/14
273–275	F 23 Q	1/02
276	F 23 Q	1/02
277	F 23 Q	1/02
278, 279	F 23 Q	9/00
280, 281	F 23 Q	9/08
282–285	F 23 Q	9/00
286	F 23 D	14/58
287	F 23 D	
288–297	F 23 D	3/16
298–300	F 23 D	3/02
301	F 23 D	3/34
302, 303	F 23 D	3/02
304	F 23 D	3/28
305	F 23 D	3/32
306	F 23 D	3/28
307, 308	F 23 D	3/32
309–314	F 23 D	3/04
315–318	F 23 D	3/28
319	F 23 D	3/02
320	F 23 D	3/24
321–325	F 23 D	3/18
326	F 23 D	3/40
327	F 23 Q	13/04
328	F 23 D	14/12
329	F 23 D	14/14
330	F 23 D	5/06
		7/00
331–342	F 23 D	5/02
343	F 23 D	11/36
		14/46
344	F 23 D	14/28
345	F 23 D	14/46
346	F 23 D	14/82
347, 348	F 23 D	14/12
349	F 23 D	14/58
350	F 23 D	14/46
351	F 23 D	15/00
352, 353	F 23 D	15/02
354, 355	F 23 D	14/62
356	F 23 D	
357–365	F 21 K	5/00
		5/02

U.S. Class 432

Heating

(IPC F 27 B)

1	F 24 J	
2	F 24 D	23/02
	F 28 G	
3	F 27 D	1/16
4	F 27 D	7/00
		9/00
		13/00
5	F 27 D	5/00
		13/00
6	F 21 C	9/00
	F 27 D	5/00
7	F 27 B	21/00
8	F 26 B	13/00
	F 27 B	9/28
9	F 27 D	3/00
10	F 27 D	5/00
11	F 27 D	3/00
12	F 27 D	13/00
13	F 27 B	14/00
14, 15	F 27 B	15/00
16	F 27 B	15/12
17	F 27 B	15/18
18	F 27 B	9/12
19, 20	F 27 D	7/00
21	F 26 D	7/04
22	F 27 B	3/22
23	F 27 B	9/04
	F 27 D	7/00
24, 25	F 27 D	7/00
26	F 27 B	3/22
	F 27 D	7/00
27	F 27 B	15/00
28	F 27 D	17/00
29	F 24 H	
30	F 24 H	7/00
31	F 27 B	
32	F 27 D	21/00
33	F 27 D	19/00
34	F 27 B	9/40
35	F 27 D	21/00
36	F 27 B	1/26
		9/40
		15/18
	F 27 D	19/00
37	F 27 B	9/40
	F 27 D	19/00
38	F 27 D	19/00
39	F 27 D	17/00
40	C 21 B	9/10
41, 42	F 27 D	19/00
43–45	F 27 B	9/40
46–53	F 27 D	19/00
54	C 21 B	9/12
55–57	F 27 D	19/00
58	F 27 B	15/00
59, 60	F 27 B	9/28
61	F 27 B	9/18
62	C 21 D	9/70
	F 24 J	2/00
63	F D2 M	15/00
		17/04
64	F 24 F	9/00
	F 27 D	7/00
65	F 27 D	7/00
66	F 27 D	7/06
67–71	F 23 J	
	F 27 D	17/00
72	F 23 J	
73	F 27 D	17/00
74	F 23 J	
75, 76	F 27 D	23/00
77–85	F 27 D	15/02
86	F 27 D	15/00
87	F 27 D	3/00
88	F 27 D	23/00
89	F 27 B	17/00
90–92	F 27 B	19/00
93	F 27 D	
94	F 27 B	3/20
		7/34
		9/36
95–102	F 27 D	1/08
103	F 27 B	7/00
104	A 23 N	9/02
105	F 27 B	7/36
106	F 27 B	7/02
107	F 27 B	7/08
		7/10
108	F 27 B	7/00
109	F 27 B	7/36
110	F 27 B	7/14
111	F 27 B	7/00
112	F 27 B	6/08
113	F 27 B	7/06
		7/36
114	F 27 B	7/10
115	F 27 B	7/24
116	F 27 B	7/38
117	F 27 B	7/32
118	F 27 B	7/14
119	F 27 B	7/28
120	F 27 B	
121	F 27 B	9/00
	F 27 D	3/00
122–124	F 27 B	9/14
125–127	F 27 D	3/04
128–132	F 27 B	9/02
133	F 27 B	9/00
134	F 27 B	9/14
135	F 27 B	9/22
136	F 27 B	9/00
137	F 26 D	3/12
	F 27 B	9/26
138	F 27 B	9/16
139	F 26 B	9/18
		9/22
140	F 27 B	9/22
141	F 27 B	9/16
	F 27 D	3/12
142	F 27 B	9/16
143–150	F 27 B	9/00
151	F 27 B	14/00
152	F 27 B	9/04
153	F 27 B	9/08
154	F 27 D	3/08
155	F 27 B	9/00
156	F 27 B	14/00
157	F 27 B	14/02
158	F 27 B	14/14
159	F 27 B	3/00
160	F 27 B	3/06
161, 162	F 27 B	3/18
163–170	F 27 B	3/04
171, 172	F 27 B	19/00
173	F 27 B	3/24
174	F 27 B	3/00
175	F 27 B	3/20
176	F 27 B	3/22
177–182	F 27 D	17/00
183	C 21 D	9/00
184–188	F 27 B	17/00
189–194	F 27 B	7/00
195	F 27 B	3/00
196	F 27 B	3/22
197	F 27 B	15/00
198	F 27 B	5/04
199	F 27 D	7/04
200, 201	F 27 B	5/16
202	F 27 B	5/14
203	F 27 B	7/04
204	F 26 B	5/12
205	F 27 B	5/04
206	F 27 B	11/00
207, 208	F 27 B	5/02
209	F 27 B	5/14
210	F 26 B	3/00
211	F 27 B	3/06
212, 213	F 27 B	5/14
214	C 21 B	9/00
	F 24 H	7/00
215	F 27 B	15/00
	F 28 C	3/10
216–218	C 21 B	9/00
	F 28 C	3/10
219	F 24 H	1/00
	F 28 C	3/10
220–223	F 24 H	1/00
224–232	F 24 J	3/00
233	F 27 D	1/12
		9/00
234	F 27 D	3/02
235, 236	F 27 D	3/00
237, 238	F 27 D	1/12
239, 240	F 27 D	3/00
241	F 27 D	3/12
242	F 27 D	1/18
243–246	F 27 D	3/00
247	F 27 D	1/00
248	F 27 B	14/08
249	F 27 D	23/00
250	F 27 D	1/18
251	F 27 D	1/00
252	F 27 D	1/14
253	F 27 D	5/00
254.1	C 21 D	9/00
254.2	C 21 D	9/00
	F 27 D	11/10
258, 259	F 27 D	5/00
260, 261	C 21 D	9/00
262–265	F 27 B	14/10
266	F 21 J	
500	A 24 B	1/02

U.S. Class 433

Dentistry

(IPC A 61 C)

1	A 61 D	5/00
2–24	A 61 C	3/00
25	A 61 C	
26	A 61 C	19/10
27	A 61 C	1/00
		3/00
28	A 61 C	1/02
29	A 61 C	1/00
		3/00
30	A 61 B	1/24
31	A 61 C	1/00
		3/00
32	A 61 C	3/00
		19/00
33	A 61 G	15/00
34	A 61 C	19/00
35–38	A 61 C	9/00
39	A 61 C	5/04
40–48	A 61 C	9/00
50	A 61 C	3/00
51	A 61 C	3/06
52	A 61 C	3/00
53	A 61 C	19/00
54–67	A 61 C	11/00
59	A 61 C	19/00
68, 69	A 61 C	19/04
70, 71	A 61 C	9/00
72, 73	A 61 C	19/04
74	A 61 C	19/00
75	A 61 C	3/00
76	A 61 C	3/02
77–79	A 61 G	1/14
		15/00
80	A 61 G	17/02
81	A 61 G	5/02
82	A 61 C	1/10
		1/12
		17/02
83	A 61 C	3/08
84, 85	A 61 C	1/10
		1/12
		17/02
86	A 61 C	1/07
87	A 61 C	1/10
		1/12
		17/02
88	A 61 C	3/02
89, 90	A 61 C	5/04
91–97	A 61 C	17/04
98–101	A 61 C	1/02
102	A 61 C	5/02
103–109	A 61 C	1/02
		1/08
		1/18
110, 111	A 61 C	1/06
		1/08
112	A 61 C	1/18
113	A 61 C	1/04
114	A 61 C	1/10
		3/00
115	A 61 C	1/05
116	A 61 C	1/16
117	A 61 C	1/08
118–124	A 61 C	1/07
		3/03
		3/08
125	A 61 C	3/06
126	A 61 C	1/08
127–129	A 61 C	1/14
130	A 61 C	1/12
131	A 61 C	1/00
132	A 61 C	1/05
133	A 61 C	1/12
134, 135	A 61 C	3/06
136, 137	A 61 C	5/14
138, 139	A 61 C	5/12
140	A 61 C	5/00
141	A 61 C	3/00
142	A 61 C	3/06
143	A 61 C	17/00
144, 145	A 61 C	3/02
146, 147	A 61 C	3/00
148, 149	A 61 C	7/00
150, 151	A 61 C	3/08
152–154	A 61 C	3/00
155	A 61 C	5/04
156–158	A 61 C	3/00
159, 160	A 61 C	3/14
		3/16
161–163	A 61 C	3/00
164	A 61 C	3/08
165	A 61 C	3/02
166	A 61 C	3/06
167	A 61 C	13/00
168	A 61 C	13/02
169, 170	A 61 C	13/28
171	A 61 C	13/00
		13/08
172	A 61 C	13/12
		13/225
173–176	A 61 C	8/00
177–183	A 61 C	13/12
		13/225
184–188	A 61 C	13/24
189	A 61 C	13/235
190	A 61 C	13/26
191–196	A 61 C	13/10
197, 198	A 61 C	13/08
199, 200	A 61 C	13/00
201	A 61 C	8/00
202–212	A 61 C	13/08
213	A 61 C	11/00
214	A 61 C	9/00
215	A 61 C	5/00
216	A 61 K	5/00
217	A 61 C	5/00
218–222	A 61 C	5/08
223	A 61 C	5/10
224	A 61 C	5/02
225–227	A 61 C	5/04
228	A 61 K	5/01
229	A 61 C	

U.S. Class 434

Education, demonstration, and cryptography

(IPC G 09 B)

1–10	G 01 S	9/00
	G 09 B	9/00
11–13	F 41 F	27/00
14, 15	G 09 B	19/00
16	F 41 F	27/00
	F 41 G	3/26
	G 09 B	19/00
17	G 09 B	19/00
18	F 41 F	27/00
19–23	F 41 G	3/26
24	F 41 F	27/00
	G 09 B	9/00
		19/00
25	G 09 B	9/00
		19/00
26	G 09 B	9/00
27	F 41 G	3/26
28	G 01 S	9/52
	G 09 B	9/00
29	G 09 B	9/02
		19/16
30–59	G 09 B	9/08
		19/16
60	G 09 B	9/06
		19/16
61–71	G 09 B	9/04
		19/16
72–80	G 09 B	25/00
81–83	G 09 B	11/00
84	G 09 B	11/10
85–87	G 09 B	11/00
88	G 09 B	11/04
		11/06
89–92	G 09 B	11/00
93	G 09 B	25/08
94	G 09 B	19/10
95	G 09 B	19/20
96–106	G 09 B	19/00
107–110	G 09 B	19/18
111	G 01 C	21/02
		21/24
112–114	G 09 B	21/00
115	G 09 B	21/02
116	G 06 K	9/00
117	G 09 B	21/00
118	G 09 B	19/00
119	G 09 C	1/00

U.S. Class 434—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		5/00
120	G 09 C	1/14
121	G 09 C	5/00
122	G 09 C	1/10
123–125	G 09 C	1/04
126	G 09 B	9/00
		19/00
		25/00
127	G 09 B	19/00
128, 129	G 09 B	19/22
130	G 09 B	25/06
131–135	G 09 B	27/08
136	G 09 B	27/02
		27/08
137–141	G 09 B	27/08
142	G 04 B	19/22
	G 09 B	27/08
143	G 09 B	27/02
144–148	G 09 B	27/08
149	G 04 B	19/22
	G 09 B	19/14
		25/06
		29/00
150	G 09 B	29/00
151	G 09 B	25/06
		25/08
		29/00
152	G 09 B	29/12
153	G 09 B	29/10
154–156	G 09 B	19/00
157	G 09 B	19/06
		19/08
158	G 09 B	11/08
159–161	G 09 B	1/00
162	G 09 B	11/00
163–165	G 09 B	11/04
		11/06
166	B 43 L	15/06
	G 09 B	11/02
167	G 09 B	1/00
		19/00
168	G 09 B	1/08
		1/38
169	G 09 B	5/00
170	G 09 B	1/00
171	G 09 B	1/36
172	G 09 B	11/16
		11/34
		11/40
173	G 09 B	1/24
174	G 09 B	1/18
		1/20
		1/22
175	G 09 B	1/28
176	G 09 B	3/02
		7/02
177	A 63 F	9/00
178	G 09 B	17/00
179, 180	G 09 B	17/04
181	G 09 B	17/02
		17/04
182	G 09 B	17/02
183	G 09 B	17/02
		17/04
184	G 09 B	17/00
185	G 09 B	19/04
186	G 09 B	9/00
		23/00
		25/00
187, 188	G 09 B	19/02
		23/02
189	G 09 B	19/02
190	G 09 B	1/08
		1/38
		19/02
191	G 09 B	19/02
192	B 43 L	1/00
	G 09 B	19/02
193–196	G 09 B	1/00
		19/02
197	G 09 B	1/24
		19/02
198–200	G 09 B	1/02
		19/02
201	G 09 B	5/00
202	G 09 B	1/00
		19/02
203, 204	G 06 C	1/00
	G 09 B	19/02
205–210	G 09 B	1/00
		19/00
211–216	G 09 B	23/02
		23/04
217	G 09 B	19/00
		23/00
218	G 09 B	9/00
		19/00
		25/00
219	G 09 B	19/00
220	G 09 B	19/14
221	G 09 B	19/00
222	G 09 B	19/26
223–226	G 09 B	19/00
227–230	G 09 B	13/00
231, 232	G 09 B	13/02
233	G 09 B	13/00
234	G 09 B	19/00
		25/02
235–238	G 09 B	19/00
239–244	G 01 S	10/00
	G 09 B	9/00
245	G 09 B	19/00
246	A 44 C	23/00
	G 09 B	19/00
247–251	A 63 B	69/00
	G 09 B	9/00
		19/00
252	A 63 B	69/36
253	A 63 B	69/18
254	A 63 B	69/10
		69/12
255–259	G 09 B	19/00
260	G 09 B	19/24
261	G 09 B	19/00
262–275	G 09 B	23/28
276	G 09 B	23/00
277–282	G 09 B	23/26
283	G 09 B	23/06
284–286	G 09 B	23/00
		27/00
287, 288	G 09 B	27/06
289	G 09 B	27/04
290–294	G 09 B	27/02
295–297	G 09 B	23/00
298	G 09 B	23/24
299	G 09 B	23/40
300	G 09 B	23/06
301	G 09 B	23/18
302	G 09 B	23/08
303	G 09 B	23/22
304	G 09 B	19/12
305	G 09 B	19/14
306	G 09 B	9/00
		19/00
307–318	G 09 B	50/60
319–321	G 09 B	50/004
322	G 09 B	3/00
		7/00
323–325	G 09 B	7/00
326	G 09 B	3/00
327	G 09 B	3/00
		7/00
328–334	G 09 B	3/00
335–344	G 09 B	7/00
345–352	G 09 B	3/00
353, 354	G 09 B	3/00
		7/00
355, 356	G 09 B	7/00
357	G 09 B	3/00
		7/00
358, 359	G 09 B	7/00
360, 361	G 09 B	3/00
		7/00
362	G 09 B	7/00
363, 364	G 09 B	3/00
365–407	G 09 B	250/00
408, 409	B 43 L	1/00
410	B 43 L	1/12
411–414	B 43 L	1/00
415	B 43 L	1/00
		23/00
416	B 43 L	1/00
417	B 43 L	1/00
		21/00
418	B 43 L	1/00
		7/00
419–421	B 43 L	1/00
422–425	B 43 L	1/02
426–429	G 09 B	25/00
430, 431	G 09 B	29/00
432	A 47 B	39/00
433	A 47 B	41/00
	G 09 B	

U.S. Class 435

Chemistry, molecular biology and microbiology

(IPC C 12)

U.S. Subclass	IPC Subclass	IPC Notation
1, 2	A 01 N	1/02
3	C 12 Q	3/00
4	C 12 Q	1/00
5	C 12 Q	1/70
6	C 12 Q	1/68
7	G 01 N	53/00
8	C 12 Q	1/66
9	C 12 Q	1/64
10	C 12 Q	1/62
11	C 12 Q	1/60
12	C 12 Q	1/58
13	C 12 Q	1/56
14	C 12 Q	1/54
15	C 12 Q	1/48
16	C 12 Q	1/52
		1/52
17	C 12 Q	1/50
18	C 12 Q	1/34
19	C 12 Q	1/44
20	C 12 Q	1/46
21	C 12 Q	1/42
22	C 12 Q	1/40
23	C 12 Q	1/38
24	C 12 Q	1/36
25	C 12 Q	1/26
26	C 12 Q	1/32
27	C 12 Q	1/30
28	C 12 Q	1/28
29	C 12 Q	1/02
30	C 12 Q	1/24
31	C 12 Q	1/22
32	C 12 Q	1/18
33	C 12 Q	1/20
34	C 12 Q	1/04
35	C 12 Q	1/16
36	C 12 Q	1/14
37	C 12 Q	1/12
38	C 12 Q	1/10
39	C 12 Q	1/06
40	C 12 Q	1/08
41	C 12 P	1/00
42	C 12 P	39/00
43	C 12 P	37/00
44	C 12 P	37/06
45	C 12 P	37/04
46	C 12 P	37/02
47	C 12 P	35/00
48	C 12 P	35/08
49	C 12 P	35/06
50	C 12 P	35/04
51	C 12 P	35/02
52	C 12 P	33/00
53	C 12 P	33/20
54	C 12 P	33/12
55	C 12 P	33/16
56	C 12 P	33/18
57	C 12 P	33/14
58	C 12 P	33/06
59	C 12 P	33/08
60	C 12 P	33/10
61	C 12 P	33/02
62	C 12 P	33/04
63	C 12 P	31/00
64	C 12 P	29/00
65	C 12 P	27/00
66	C 12 P	25/00
67	C 12 P	23/00
68	C 12 P	21/00
69	C 12 P	21/06
70	C 12 P	21/02
71	C 12 P	21/04
72	C 12 P	19/00
73	C 12 P	19/64
74	C 12 P	19/44
75	C 12 P	19/60
76	C 12 P	19/62
77	C 12 P	19/58
78	C 12 P	19/56
79	C 12 P	19/46
80	C 12 P	19/48
81	C 12 P	19/54
82	C 12 P	19/50
83	C 12 P	19/52
84	C 12 P	19/26
85	C 12 P	19/28
86	C 12 P	19/42
87	C 12 P	19/38
88	C 12 P	19/40
89	C 12 P	19/30
90	C 12 P	19/36
91	C 12 P	19/34
92	C 12 P	19/32
93	C 12 C	1/00
94	C 12 P	19/24
95	C 12 P	19/22
96	C 12 P	19/20
97	C 12 P	19/18
98	C 12 P	19/16
999	C 12 P	19/14
100	C 12 P	19/12
101	C 12 P	19/04
102	C 12 P	19/10
103	C 12 P	19/08
104	C 12 P	19/06
105	C 12 P	19/02
106	C 12 P	13/04
107	C 12 P	13/24
108	C 12 P	13/22
109	C 12 P	13/20
110	C 12 P	13/14
111	C 12 P	13/18
112	C 12 P	13/16
113	C 12 P	13/12
114	C 12 P	13/10
115	C 12 P	13/08
116	C 12 P	13/06
117	C 12 P	17/00
118	C 12 P	17/16
119	C 12 P	17/18
120	C 12 P	17/14
121	C 12 P	17/10
122	C 12 P	17/12
123	C 12 P	17/02
124	C 12 P	17/08
125	C 12 P	17/06
126	C 12 P	17/04
127	C 12 P	15/00
128	C 12 P	13/00
129	C 12 P	13/02
130	C 12 P	11/00
131	C 12 P	9/00
132	C 12 P	7/00
133	C 12 P	7/66
134	C 12 P	7/64
135	C 12 P	7/62
136	C 12 P	7/40
137	C 12 P	7/58
138	C 12 P	7/60
139	C 12 P	7/56
140	C 12 P	7/54
141	C 12 P	7/52
142	C 12 P	7/44
143	C 12 P	7/50
144	C 12 P	7/48
145	C 12 P	7/46
146	C 12 P	7/42
147	C 12 P	7/24
148	C 12 P	7/26
149	C 12 P	7/38
150	C 12 P	7/28
151	C 12 P	7/36
152	C 12 P	7/34
153	C 12 P	7/32
154	C 12 P	7/30
155	C 12 P	7/02
156	C 12 P	7/22
157	C 12 P	7/04
158	C 12 P	7/18
159	C 12 P	7/20
160	C 12 P	7/16
161	C 12 P	7/06
162	C 12 P	7/14
163	C 12 P	7/08
164	C 12 P	7/12
165	C 12 P	7/10
166	C 12 P	5/00
167	C 12 P	5/02
168	C 12 P	3/00
169	C 12 P	1/06
170	C 12 P	1/04
171	C 12 P	1/02
172.1–172.3	C 12 N	15/00
173	C 12 N	13/00
174	C 12 N	11/00
		11/16
175	C 12 N	11/18
176	C 12 N	11/14
177	C 12 N	11/02
178	C 12 N	11/10
179	C 12 N	11/12
180	C 12 N	11/08
181	C 12 N	11/06
182	C 12 N	11/04
183	C 12 N	9/00
184	C 12 N	9/99
185	A 23 L	1/202
186	C 12 N	9/94
187	C 12 N	9/98
188	C 12 N	9/96
189	C 12 N	9/02
190	C 12 N	9/04
191	C 12 N	9/06
192	C 12 N	9/08
193	C 12 N	9/10
194	C 12 N	9/12
195	C 12 N	9/14
196	C 12 N	9/16
197	C 12 N	9/18
198	C 12 N	9/20
199	C 12 N	9/22
200	C 12 N	9/24
201	C 12 N	9/26
202	C 12 N	9/28
203	C 12 N	9/30
204	C 12 N	9/32
205	C 12 N	9/34
206	C 12 N	9/36
207	C 12 N	9/38
208	C 12 N	9/40
209	C 12 N	9/42
210	C 12 N	9/44
211	C 12 N	9/46
212	C 12 N	9/48
213	C 12 N	9/76
214	C 12 N	9/74
215	C 12 N	9/72
216	C 12 N	9/70
217	C 12 N	9/68
218	C 12 N	9/66
219	C 12 N	9/50
220	C 12 N	9/52
221	C 12 N	9/54
222	C 12 N	9/56
223	C 12 N	9/58
224	C 12 N	9/60
225	C 12 N	9/62
226	C 12 N	9/64
227	C 12 N	9/78
228	C 12 N	9/80
229	C 12 N	9/82
230	C 12 N	9/84
231	C 12 N	9/86
232	C 12 N	9/88
233	C 12 N	9/90
234	C 12 N	9/92
235	C 12 N	7/00
236	C 12 N	7/04

U.S. Class 435—Con.

U.S. Subclass	IPC Subclass	Notation
237	C 12 N	7/08
238	C 12 N	7/06
239	C 12 N	7/02
240	C 12 N	5/00
241	C 12 N	5/02
242	C 12 N	3/00
243	C 12 N	1/00
244	C 12 N	1/38
245	C 12 N	1/36
246	C 12 N	1/34
247	C 12 N	1/32
248	C 12 N	1/26
249	C 12 N	1/28
250	C 12 N	1/30
251	C 12 N	1/24
252	C 12 N	1/22
253	C 12 N	1/20
254	C 12 N	1/14
255	C 12 N	1/16
256	C 12 N	1/18
257	C 12 N	1/12
258	C 12 N	1/10
259	C 12 N	1/06
260	C 12 N	1/04
261	C 12 N	1/02
262	C 07	
263	C 06 M	16/00
264	C 06 M	16/00
265	C 14 C	1/00
266	A 61 L	9/01
267	C 07 G	17/00
268	C 07 G	15/00
269	C 07 K	3/00
270	C 12 N	1/08
271	C 11 C	1/00
272, 273	C 07 K	3/12
274	C 08 B	
275	C 08 B	30/04
276	C 13 J	1/00
277	C 21 C	1/00
278	C 21 C	3/00
279	C 01 C	1/04
280	C 07 P	41/00
281, 282	C 10 G	32/00
283	A 01 N	1/02
284	C 12 M	3/00
286	C 12 M	3/02
287	C 12 M	1/00
288	C 12 M	1/40
289	C 12 M	1/36
290	C 12 M	1/38
291	C 12 M	1/34
292	C 12 M	1/26
293	C 12 M	1/32
294	C 12 M	1/28
295	C 12 M	1/30
296	C 12 M	1/24
297, 298	C 12 M	1/22
299	C 12 M	1/16
300	C 12 M	1/18
301	C 12 M	1/20
302–309	C 12 C	1/00
310	C 12 M	1/14
311	C 12 M	1/12
312	C 12 M	1/10
313	C 12 M	1/04
314	C 12 M	1/08
315	C 12 M	1/06
316	C 12 M	1/02
317	C 12 N	1/00
822	C 12 R	1/01
823	C 12 R	1/02
824	C 12 R	1/025
825	C 12 R	1/03
826	C 12 R	1/04
827	C 12 R	1/045
828	C 12 R	1/01
829	C 12 R	1/05
830	C 12 R	1/06
831	C 12 R	1/065
832	C 12 R	1/07
833	C 12 R	1/08
834	C 12 R	1/085
835	C 12 R	1/09
836	C 12 R	1/10
837	C 12 R	1/11
838	C 12 R	1/12
839	C 12 R	1/125
840	C 12 R	1/13
841	C 12 R	1/14
842	C 12 R	1/145
843	C 12 R	1/15
844	C 12 R	1/16
845	C 12 R	1/165
846	C 12 R	1/17
847	C 12 R	1/18
848	C 12 R	1/185
849	C 12 R	1/19
850	C 12 R	1/20
851	C 12 R	1/21
852	C 12 R	1/22
853	C 12 R	1/225
854	C 12 R	1/23
855	C 12 R	1/24
856	C 12 R	1/245
857	C 12 R	1/25
858	C 12 R	1/26
859	C 12 R	1/265
860	C 12 R	1/27
861	C 12 R	1/28
862	C 12 R	1/285
863	C 12 R	1/32
864	C 12 R	1/325
865	C 12 R	1/33
866	C 12 R	1/34
867	C 12 R	1/29
868	C 12 R	1/30
869	C 12 R	1/31
870	C 12 R	1/35
871	C 12 R	1/36
872	C 12 R	1/365
873	C 12 R	1/37
874	C 12 R	1/38
875	C 12 R	1/385
876	C 12 R	1/39
877	C 12 R	1/40
878	C 12 R	1/41
879	C 12 R	1/42
880	C 12 R	1/425
881	C 12 R	1/43
882	C 12 R	1/44
883	C 12 R	1/445
884	C 12 R	1/45
885	C 12 R	1/46
886	C 12 R	1/465
887	C 12 R	1/47
888	C 12 R	1/48
889	C 12 R	1/485
890	C 12 R	1/49
891	C 12 R	1/50
892	C 12 R	1/51
893	C 12 R	1/52
894	C 12 R	1/525
895	C 12 R	1/53
896	C 12 R	1/54
897	C 12 R	1/545
898	C 12 R	1/55
899	C 12 R	1/56
900	C 12 R	1/565
901	C 12 R	1/57
902	C 12 R	1/58
903	C 12 R	1/585
904	C 12 R	1/59
905	C 12 R	1/60
906	C 12 R	1/61
907	C 12 R	1/62
908	C 12 R	1/625
909	C 12 R	1/63
910	C 12 R	1/64
911	C 12 R	1/645
912	C 12 R	1/65
913	C 12 R	1/66
914	C 12 R	1/665
915	C 12 R	1/67
916	C 12 R	1/68
917	C 12 R	1/685
918	C 12 R	1/69
919	C 12 R	1/70
920	C 12 R	1/71
921	C 12 R	1/72
922	C 12 R	1/725
923	C 12 R	1/73
924	C 12 R	1/74
925	C 12 R	1/745
926	C 12 R	1/75
927	C 12 R	1/76
928	C 12 R	1/765
929	C 12 R	1/77
930	C 12 R	1/78
931	C 12 R	1/785
932	C 12 R	1/79
933	C 12 R	1/80
934	C 12 R	1/81
935	C 12 R	1/82
936	C 12 R	1/825
937	C 12 R	1/83
938	C 12 R	1/84
939	C 12 R	1/845
940	C 12 R	1/85
941	C 12 R	1/86
942	C 12 R	1/865
943	C 12 R	1/87
944	C 12 R	1/88
945	C 12 R	1/885
946	C 12 R	1/89
947	C 12 R	1/90
948	C 12 R	1/91

U.S. Class 436

Chemistry: analytic and immunological testing

(IPC G 01 N)

U.S. Subclass	IPC Subclass	Notation
1–19	G 01 N	31/00
20	G 01 N	33/02
21	G 01 N	33/04
		33/08
22	G 01 N	33/04
23	G 01 N	33/06
24	G 01 N	33/14
25–33	G 01 N	33/24
34	G 01 N	33/00
35	G 01 N	24/00
36	G 01 N	33/00
37	G 01 N	31/10
38	G 01 N	33/00
39–42	G 01 N	33/18
43–46	G 01 N	35/00
47–51	G 01 N	35/02
52–55	G 01 N	35/08
56	G 01 N	37/00
57	G 01 N	23/00
58, 59	G 01 N	23/00
60–61	G 01 N	31/00
60, 61	G 01 N	33/03
60–61	G 01 N	33/26
62	G 01 N	33/18
63–65	G 01 N	33/48
66, 67	G 01 N	33/72
68	G 01 N	33/50
69, 70	G 01 N	33/86
71	G 01 N	33/92
72	G 01 N	33/00
73–84	G 01 N	33/20
85	G 01 N	33/44
86–136	G 01 N	33/00
137	G 01 N	33/22
138–146	G 01 N	33/00
147	G 01 N	25/20
148	G 01 N	7/00
149	G 01 N	25/18
		27/00
150	G 01 N	25/08
151, 152	G 01 N	27/50
153	G 01 N	21/71
154, 155	G 01 N	21/72
156	G 01 N	25/54
157	G 01 N	1/18
		25/22
158–159	G 01 N	25/22
160	G 01 N	25/26
161	G 01 N	30/02
162	G 01 N	30/90
163	G 01 N	31/16
		31/22
164	G 01 N	21/00
		21/75
165	G 01 N	21/03
166–168	G 01 N	21/75
169–170	G 01 N	21/77
171	G 01 N	21/62
172	G 01 N	21/76
173	G 01 N	24/00
174–176	G 01 N	1/00
177, 178	G 01 N	1/18
179, 180	G 01 N	1/10
181	G 01 N	1/22
182, 183	G 01 N	33/00
500	G 01 N	33/53
501	G 01 N	33/566
502	G 01 N	33/579
503–505	G 01 N	33/567
506–509	G 01 N	33/564
510	G 01 N	33/53
511	G 01 N	33/571
512	G 01 N	33/563
513	G 01 N	33/053
514	G 01 N	33/558
515	G 01 N	33/559
517	G 01 N	33/557
518	G 01 N	33/543
519	G 01 N	33/554
520	G 01 N	33/555
521	G 01 N	33/556
522	G 01 N	33/555
523	G 01 N	33/543
524	G 01 N	33/551
525, 526	G 01 N	33/553
527	G 01 N	33/552
528–530	G 01 N	33/544
531	G 01 N	33/545
532	G 01 N	33/549
533, 534	G 01 N	33/546
535	G 01 N	33/544
536	G 01 N	33/536
537	G 01 N	33/542
538	G 01 N	33/537
539	G 01 N	33/539
540	G 01 N	33/541
541	G 01 N	33/538
542	G 01 N	33/536
543	G 01 N	33/531
544	G 01 N	33/532
545	G 01 N	33/534
546	G 01 N	33/533
547, 548	G 01 N	33/53

U.S. Class 440

Marine propulsion

(IPC B 63 H)

U.S. Subclass	IPC Subclass	Notation
1	B 63 H	21/22
		23/00
2	B 60 L	1/14
3	B 63 H	21/20
4	B 63 H	23/10
5	B 63 H	21/12
		21/165
6	B 60 L	11/02
		11/16
		11/18
	B 63 H	21/17
7	B 60 L	15/20
8	B 63 H	9/00
		13/00
9, 10	B 63 H	19/02
11, 12	B 63 H	21/175
13	B 63 H	1/30
14, 15	B 63 H	1/36
16	B 63 H	1/30
		1/37
17	B 63 H	1/30
		1/32
		1/34
18	B 63 H	1/30
		1/32
19, 20	B 63 H	1/32
		1/34
21	B 63 H	16/00
22	B 63 H	16/00
		16/02
23	B 63 H	16/00
		16/08
24	B 63 H	16/08
		16/16
25	B 63 H	16/02
		16/08
		16/18
26–31	B 63 H	16/20
32	B 63 H	16/18
33, 34	B 63 H	19/00
35	B 63 H	13/02
		19/00
36	B 63 H	19/00
37	B 63 H	37/00
38, 39	B 63 H	11/00
40	B 63 H	11/107
41	B 63 H	11/11
42	B 63 H	11/113
43	B 63 H	11/117
44	B 63 H	11/09
		11/12
		11/16
45	B 63 H	11/14
46	B 63 H	11/01
47	B 63 H	11/103
48	B 63 H	1/26
49	B 63 H	1/14
50	B 63 H	3/00
51	B 63 H	25/42
52	B 63 H	1/15
		21/30
53	B 63 H	5/12
		5/20
		21/26
54	B 63 H	5/12
55–65	B 63 H	5/12
		21/26
66	B 63 H	1/18
		1/28
		5/16
67	B 63 H	1/16
		5/15
68–72	B 63 H	5/16
73	B 63 H	1/28
74	B 63 H	23/02
		23/34
		23/35
75	B 63 H	21/28
		23/00
76–78	B 63 H	21/24
		21/36
79	B 63 H	5/06
80–82	B 63 H	5/10
83	B 63 H	23/34
84	B 60 K	41/00
	B 63 H	21/21
		21/22
85–87	B 60 K	41/00
88	B 63 H	21/10
		21/38
89	B 63 H	21/32
		21/34
		21/38
90	B 63 H	1/04
		5/02
91	B 63 H	1/04
		5/03
92	B 63 H	1/06
93	B 63 H	1/08
94	B 63 H	1/04
95–97	B 63 H	1/34
98–100	B 63 H	1/38
101–103	B 63 H	16/04
		16/10
104–109	B 63 H	16/06
		16/067
		16/073
110	B 63 H	16/04
111	B 63 H	21/30
112	B 63 H	23/36
113	B 63 H	19/00

U.S. Class 441

Buoys, rafts, and aquatic devices

(IPC B 63 B)

U.S. Subclass	IPC Subclass	Notation
1	B 63 B	22/00
2	B 63 B	22/06
3–5	B 63 B	22/02
6	B 63 B	22/16
7	B 63 B	22/08
8	B 63 B	22/10
9	B 63 B	22/12
10	B 63 B	22/14
11	B 63 B	21/52
		45/00
		51/02
12	B 63 B	21/52
		45/08
		51/02
13–20	B 63 B	21/52
		45/00
		51/02
21–27	B 63 B	22/18
28, 29	B 63 B	22/20
30, 31	B 63 B	22/22
32	B 63 B	22/24
33, 34	B 63 B	22/26
35–42	B 63 B	35/58
43	B 63 B	35/607
44–46	B 63 B	35/613
47–54	B 63 B	35/62
55	A 63 B	31/00
56	A 63 B	31/10
57	A 63 B	31/02
58	A 63 B	31/10
59, 60	A 63 B	31/12
61–63	A 63 B	31/11
64	A 63 B	31/08
65–68	A 63 C	15/00
69, 70	A 63 C	15/06
71	A 63 C	15/00
72	A 63 C	15/06
73	A 63 C	15/00
74	A 63 C	15/05
75	A 63 C	15/00
76–78	A 63 C	15/03
79	A 63 C	15/00
80	B 63 C	9/00
81	B 63 C	9/08
82	B 63 C	9/32
83	B 63 C	9/00
84, 85	B 63 C	9/26
86	B 63 C	9/00
87	B 63 C	9/06
88	B 63 C	9/08
89	B 63 C	9/08
		9/20
90–95	B 63 C	9/12
		9/16
96, 97	B 63 C	9/12
		9/16
		9/24
98–101	B 63 C	9/12
		9/16
		9/18
102–124	B 63 C	9/08
125	B 63 C	9/28
126–128	B 63 C	9/30
129–131	B 63 C	9/08
		9/28
132	B 63 C	9/08
133	B 63 B	21/52
		51/02
134	B 63 B	35/00
135	B 63 C	11/00
136	B 63 C	

U.S. Class 445

Electric lamp or space discharge component or device manufacturing

(IPC H 01 J)

U.S. Subclass	IPC Subclass	Notation
1	H 01 J	9/00
	H 01 T	21/00
2	H 01 J	9/50
3	F 23 Q	23/08
		23/10
	H 01 T	21/06
4–6	H 01 J	9/00
		9/44
7	H 01 T	21/02
8	H 01 J	9/00
9–15	H 01 J	9/38
16	H 01 J	9/395
17–21	H 01 J	9/38
22	H 01 J	9/00
		9/20
23	H 01 J	9/00
		9/24
24	H 01 J	9/00
		9/24
25	H 01 J	9/26
		9/32
26	H 01 J	9/00
	H 05 B	33/10
27, 28	H 01 J	9/00
29	H 01 J	9/14
		9/18
		9/20
30	H 01 J	9/236
31	H 01 J	9/00
32	H 01 J	9/04
33	H 01 J	9/18
34	H 01 J	9/12
35	H 01 J	9/02
36	H 01 J	9/12
37	H 01 J	9/236
38–42	H 01 J	9/38
43	H 01 J	9/26
		9/32
		9/38
44, 45	H 01 J	9/26
46	H 01 J	9/04
		9/12
		9/14
47	H 01 J	9/12
48	H 01 J	9/04
49	H 01 J	9/12
		9/14
50, 51	H 01 J	9/04
		9/12
52	H 01 J	9/14
53, 54	H 01 J	9/38
55	H 01 J	9/39
56	H 01 J	9/385
57	H 01 J	9/39
58	H 01 J	9/00
		9/20
		9/22
59	H 01 J	9/38
	H 01 T	21/04
60	H 01 J	9/06
		9/10
		9/16
		9/46
	H 05 B	33/10
61	H 01 J	9/50
62	H 01 J	9/06
		9/10
		9/16
		9/46
	H 05 B	33/10
63	H 01 J	9/42
64	H 01 J	9/44
		9/44
65	H 01 J	9/46
	H 05 B	33/10
		133/10
66	H 01 J	9/46
	H 05 B	33/10
67	H 01 J	9/06
		9/10
		9/16
68	H 01 J	9/236
69	H 01 J	9/36
70	H 01 J	9/38
71	H 01 J	9/46
		9/48
72	H 01 J	9/42
		9/44
73	H 01 J	9/38

U.S. Class 455

Telecommunications

(IPC H 04 B)

U.S. Subclass	IPC Subclass	Notation
1	H 04 K	3/00
2	H 04 B	17/00
	H 04 H	9/00
3–5	H 04 H	1/00
6	H 04 H	1/02
7, 8	H 04 B	3/36
		7/14
9, 10	H 04 B	1/60
		17/02
11	H 04 B	7/15
12, 13	H 04 B	7/185
		7/19
		7/195
14	H 04 B	3/36
		3/58
		7/14
15–22	H 04 B	7/14
23	H 04 B	7/165
24, 25	H 04 B	7/14
26, 27	H 04 K	1/00
28	H 04 K	1/10
29	H 04 K	1/00
30	H 04 K	1/02
31–37	H 04 Q	7/00
		9/00
38	H 04 B	7/00
	H 04 Q	3/02
		9/14
39	H 04 B	7/24
40	H 04 B	13/02
41	H 04 B	5/00
42–45	H 04 B	1/00
		7/00
46, 47	H 04 B	1/68
48	H 04 B	1/60
49	H 04 B	1/00
		7/00
50	H 04 B	1/10
		15/00
51	H 04 B	1/00
		7/00
52	H 04 B	7/02
		15/00
53–61	H 04 B	1/00
		7/00
62	H 04 B	15/00
		17/00
63–65	H 04 B	1/10
		15/00
66	H 04 B	7/00
67	H 04 B	17/00
68–72	H 04 B	1/00
		7/00
73	H 04 B	1/38
74–77	H 04 B	1/40
78	H 04 B	1/44
79–82	H 04 B	1/46
83	H 04 B	1/44
84–88	H 04 B	1/40
89, 90	H 04 B	1/38
91–94	H 04 B	1/02
95–100	H 04 B	1/34
101	H 03 C	7/02
	H 04 B	1/02
		7/02
102	H 04 B	1/02
		1/66
103–105	H 04 B	1/02
		1/04
106–108	H 03 C	1/52
	H 04 B	1/02
109	H 03 C	3/00
	H 04 B	1/68
110–114	H 04 B	1/04
115	H 03 C	1/62
	H 04 B	17/00
116–127	H 01 Q	11/12
	H 04 B	1/04
128	H 04 B	11/03
129	H 04 B	11/04
130	H 04 B	11/06
131	H 04 B	11/18
132	H 04 B	11/06
133–139	H 04 B	11/16
		17/02
140–144	H 04 B	11/16
145–148	H 04 B	11/36
149	H 04 B	11/06
150–160	H 04 B	11/16
161–169	H 04 B	11/32
170–192	H 04 B	11/16
193	H 04 B	1/18
194, 195	H 04 B	1/16
196–199	H 04 B	1/26
200	H 04 B	1/16
201	H 04 B	1/06
		1/66
202–204	H 04 B	1/06
		1/68
205–211	H 04 B	1/16
212, 213	H 04 B	1/10
		1/16
214–217	H 04 B	1/16
218	H 04 B	1/10
		1/10
219	H 04 B	1/10
		1/10
226	H 04 B	17/00
227, 268	H 04 B	1/16
269, 270	H 04 B	1/06
		7/00
271	H 04 B	1/10
		15/00
272–279	H 04 B	1/06
		7/00
280–282	H 04 B	1/18
283–288	H 04 B	1/10
		1/18
289–294	H 04 B	1/18
295–312	H 04 B	1/10
310–37	H 04 B	7/00
313–316	H 04 B	1/26
		15/00
317	H 04 B	1/10
		15/06
318–332	H 04 B	1/26
333	H 04 B	1/28
334–343	H 04 B	1/16
344	H 04 B	1/06
	H 05 K	11/00
345, 346	H 04 B	1/06
	H 05 K	11/02
347–351	H 04 B	1/08
352–355	H 04 B	1/06
600–619	G 02 F	1/00
		2/00
	H 01 S	3/00
	H 04 B	9/00
620	H 01 S	4/00
	H 04 B	4/00
	H 04 H	4/00
	H 04 M	4/00

U.S. Class 464

Rotary shafts, gudgeons, housings and flexible couplings for rotary shaft

(IPC F 16 D)

U.S. Subclass	IPC Subclass	Notation
1–6	F 16 D	3/10
7–16	F 16 C	1/24
	F 16 D	
	F 16 N	1/00
17	F 16 D	
18–21	E 21 B	17/02
	F 16 D	
22	B 08 B	
	F 16 D	
23	F 16 D	
	G 08 B	
24–28	F 16 D	3/80
		31/00
29	F 16 D	27/00
	H 02 N	13/00
30	F 16 D	7/02
31–33	F 16 D	9/00
34	F 16 D	7/00
35, 36	F 16 D	7/06
37–39	F 16 D	7/04
40–48	F 16 D	7/02
49	F 16 D	3/54
50	F 16 D	3/08
51–53	F 16 C	1/00
	F 16 D	3/00
		3/12
54	F 16 D	3/52
55, 56	F 16 D	3/50
57–60	F 16 C	1/00
	F 16 D	3/12
		3/14
		3/52
61–68	F 16 D	3/12
		3/14
		3/52
		3/66
69	F 16 D	3/62
70–72	F 16 D	3/28
		3/70
73–101	F 16 D	3/52
		3/56
		3/64
		3/72
		3/76
		3/78
102–105	F 16 D	3/04
106–108	F 16 D	3/00
109	F 16 D	3/16
		3/30
110	F 16 D	3/16
111	F 16 D	3/26
112–136	F 16 D	3/16
		3/20
		3/26
		3/50
137, 138	F 16 D	3/48
139–146	F 16 D	3/16
		3/34
		3/36
		3/44
		3/50
147–148	F 16 C	1/04
	F 16 D	3/16
		3/50
149	F 16 D	3/18
		3/44
150–153	F 16 D	3/16
		3/20
		3/26
		3/50
154	F 16 D	3/18
		3/44
155	F 16 D	3/26
156–159	F 16 D	3/18
		3/44
160, 161	F 16 D	1/12
		3/10
162	F 16 C	3/03
	F 16 D	3/06
163–166	E 21 B	3/04
		17/02
	F 16 D	3/06
167–169	F 16 C	3/03
	F 16 D	3/06
170–178	F 16 C	1/26
	F 16 D	3/84
179–183	F 16 C	3/00
184	F 16 C	35/08
185	F 16 D	

U.S. Class 474

ENDLESS BELT POWER TRANSMISSION SYSTEMS AND COMPONENTS

(IPC F 16 H)

U.S. Subclass	IPC Subclass	Notation
1–7	F 16 H	9/00
		11/00
8	F 16 H	55/56
9, 10	F 16 H	55/36
		55/56
11–22	F 16 H	11/06

U.S. Class 474—Con.

U.S. Subclass	IPC Subclass	IPC Notation
23	F 16 H	11/02
24	F 16 H	55/56
25–27	F 16 H	9/12
		11/04
28	F 16 H	11/04
29	F 16 H	9/18
		11/04
30, 31	F 16 H	9/20
		11/04
32–36	F 16 H	9/16
		55/56
37–42	F 16 H	9/12
		11/04
43–45	F 16 H	55/56
		57/04
46	F 16 H	55/56
47, 48	F 16 H	55/30
		55/36
		55/52
49	F 16 H	9/02
		11/00
50	F 16 H	11/06
51	F 16 H	11/04
		55/54
52–57	F 16 H	9/10
52	F 16 H	9/24
		11/00
		55/30
		55/54
58–68	F 16 H	7/00
69–83	F 16 H	9/00
		11/00
84–89	F 16 H	7/00
91	F 16 H	57/04
92	F 16 H	57/00
93	F 16 H	57/04
94	F 16 D	3/00
	F 16 H	55/14
		55/36
95–99	F 16 H	55/12
95	F 16 H	55/46
100	F 16 H	7/18
101	F 16 H	7/08
		7/22
102–108	F 16 H	7/22
109, 110	F 16 H	7/08
		7/22
111	F 16 H	7/08
112	F 16 H	7/10
113–118	F 16 H	7/14
119–130	F 16 H	7/22
131	F 16 H	7/18
132–138	F 16 H	7/12
139	F 16 H	7/00
140	F 16 H	7/18
141	F 16 H	55/30
		55/36
142, 143	F 16 H	7/00
144–147	B 62 J	13/00
	F 16 D	1/00
	F 16 H	57/02
148, 149	F 16 H	7/00
150	F 16 H	7/24
151	F 16 H	55/12
		55/36
152	F 16 H	55/30
153, 154	F 16 H	7/02
		7/04
		7/06
155–157	F 16 H	7/06
158–160	F 16 H	55/12
		55/30
161	F 16 H	55/06
162, 163	F 16 H	55/12
		55/14
164	F 16 H	55/30
165	F 16 H	7/20
		55/30
166	F 16 H	55/36
167	F 16 H	7/02
		7/04
168–170	F 16 H	55/49
		55/50
171	F 16 H	55/36
172, 173	F 16 H	7/18
174–189	F 16 H	55/36
190–194	F 16 H	55/48
195, 196	F 16 H	55/40
197–199	F 16 H	7/20
		55/36
200	F 16 G	1/00
201	F 16 G	1/00
		5/00
202–205	F 16 G	1/28
		5/20
206–209	F 16 G	13/02
210, 211	F 16 G	13/10
212–217	F 16 G	13/04
218	F 16 G	15/10
219–225	F 16 G	13/02
		15/00
226–236	F 16 G	13/02
237	F 16 G	1/00
		5/00
		9/00
238	F 16 G	5/00
239	F 16 G	1/18
		9/00
240–248	F 16 G	1/21
		1/22
		5/16
249–252	F 16 G	1/28
		5/20
253	F 16 G	3/00
		7/00
254	F 16 G	3/10
		7/00
255, 256	F 16 G	3/00
		7/00
		11/00
257	F 16 G	3/08
		7/00
258	F 16 G	3/10
		3/12
259–264	F 16 G	1/00
		5/00
		9/00
265	F 16 G	5/00
266–268	F 16 G	1/04
269	F 16 G	1/02
270	F 16 G	1/04
		1/12
271	F 16 G	1/02
		1/10
272	F 16 G	1/20
273	F 16 G	

U.S. Class 493

Mfg of container or tube from paper; or other mfg from a sheet or web

(IPC B 31 B)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	B 31 B	1/00
		49/00
4	B 31 C	13/00
5	B 31 B	1/00
		49/00
6	B 31 B	1/60
		1/62
		13/00
		49/00
7	B 31 B	1/62
		49/00
8–36	B 31 B	1/00
		49/00
37, 38	B 31 B	1/00
		49/00
39–50	B 31 C	13/00
51	B 31 B	1/00
		49/00
52	B 31 B	1/00
		3/00
		9/00
		11/00
		13/00
53–55	B 31 B	1/88
56, 57	B 31 B	1/14
		3/14
		5/14
		7/00
		17/00
58	B 31 B	1/88
59–61	B 31 B	1/25
62	B 31 B	1/16
		1/20
63	B 31 B	1/14
		3/14
		5/14
		7/14
		7/14
		11/14
		13/14
		15/14
		17/14
64–66	B 31 B	1/14
		49/02
67	B 31 B	13/00
		17/00
68, 69	B 31 B	1/14
		1/26
		1/60
		49/00
70	B 31 B	1/48
71, 72	B 31 B	1/02
		1/36
		3/02
		5/02
		7/02
		9/02
		11/02
		13/02
		15/02
73	B 31 B	1/14
		3/14
		11/14
74	B 31 B	1/16
75–77	B 31 B	1/60
		13/00
78	B 31 B	1/62
79	B 31 B	1/26
		7/26
		9/26
		11/26
		13/26
		15/26
		17/26
80	B 31 B	1/48
81	B 31 B	1/02
		1/14
		1/36
82	B 31 B	1/14
		1/74
83	B 31 B	1/14
		3/74
		5/74
		7/74
		9/74
		11/74
		13/74
		15/74
		17/74
84	B 31 B	1/60
		13/00
		17/00
		49/00
85	B 31 B	43/00
		49/02
86	B 31 B	7/14
		13/14
		15/14
87	B 31 B	1/84
88	B 31 B	1/86
89	B 31 B	1/70
		1/72
		7/00
		15/00
90–92	B 31 B	11/00
93–101	B 31 B	7/00
102–109	B 31 B	1/90
110	B 31 B	1/00
		7/00
		17/00
111–113	B 31 B	15/00
114, 115	B 31 B	1/60
116, 117	B 31 B	1/72
118, 119	B 31 B	1/68
		1/70
120	B 31 B	1/92
		7/02
		11/02
121	B 31 B	13/02
		15/02
122	B 31 B	1/06
		7/02
		11/02
		13/02
		15/02
		17/02
123–125	B 31 B	1/12
126, 127	B 31 B	1/10
		1/60
128	B 31 B	1/62
		3/60
		5/60
		7/60
		9/60
		11/60
		13/60
		15/60
		17/60
129	B 31 B	1/64
130–132	B 31 B	1/62
133–135	B 31 B	1/64
136	B 31 B	1/48
137–140	B 31 B	1/50
141–146	B 31 B	1/62
		49/02
147	B 31 B	1/04
148–151	B 31 B	1/62
152–159	B 31 B	1/28
		1/44
		1/74
		49/02
160, 161	B 31 B	1/25
162	B 31 B	1/26
		3/00
163–166	B 31 B	1/28
		3/00
167–174	B 31 B	1/44
		3/74
175	B 31 B	1/28
176	B 31 B	1/28
		1/52
177	B 31 B	1/02
		1/26
		3/02
178	B 31 B	1/02
		1/26
		3/02
179	B 31 B	1/58
		3/02
180	B 31 B	1/04
		1/26
		1/36
181	B 31 B	1/04
		1/26
		1/36
		1/76
182	B 31 B	1/58
		3/02
183, 184	B 31 B	1/50
185	B 31 B	1/26
		49/02
186	B 31 B	1/00
		19/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
		33/00
		37/00
		39/00
		49/02
187, 188	B 31 B	1/88
189–209	B 31 B	1/64
		49/04
210	B 31 B	1/60
		19/60
		39/00
		41/00
211	B 31 B	1/00
		49/04
212	B 31 B	1/90
213	B 31 B	1/84
214–216	B 31 B	1/90
217	B 31 B	39/00
218, 219	B 31 B	1/90
220	B 31 B	1/60
		49/04
221	B 31 B	1/62
		1/86
222	B 31 B	1/82
223	B 31 B	1/14
224	B 31 B	1/16
225	B 31 B	1/90
226	B 31 B	1/86
227	B 31 B	1/14
228	B 31 B	1/25
229	B 31 B	1/22
230	B 31 B	1/14
		27/14
231	B 31 B	1/26
232	B 31 B	1/22
233, 234	B 31 B	1/14
		27/14
235	B 31 B	1/14
		1/26
		19/14
		21/14
		49/00
236	B 31 B	1/14
		19/14
		21/14
		49/00
237	B 31 B	1/22
238	B 31 B	27/14
239	B 31 B	1/16
240–242	B 31 B	1/25
243, 244	B 31 B	1/26
		19/26
		21/26
		23/26
		25/26
		27/26
		29/26
		31/26
		33/26
		35/26
		37/26
245	B 31 B	1/48
246	B 31 B	1/26
247	B 31 B	1/32
248	B 31 B	1/36
249	B 31 B	1/26
250	B 31 B	1/28
		1/44
251	B 31 B	1/36
		1/44
252	B 31 B	1/28
253	B 31 B	25/26
254	B 31 B	21/26
		23/26
255	B 31 B	1/60
		1/76
256	B 31 B	1/80
260–263	B 31 B	1/48
264–266	B 31 B	1/62
267	B 31 B	1/00
		47/02
		47/04
		49/00
268	B 31 B	1/00
		47/00
		49/04
269	B 31 C	1/00
		3/00
		5/00
270	B 31 C	11/00
271	B 31 C	11/02
272, 273	B 31 C	11/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 493—Con.		
274	B 31 C	11/06
275–286	B 31 C	11/04
287–290	B 31 C	11/02
291	B 31 C	11/00
292	B 31 C	13/00
293	B 31 C	11/00
294	B 31 C	11/04
		13/00
295	B 31 C	13/00
296	B 31 C	7/00
297	B 31 C	1/06
		3/02
		7/06
		13/00
298	B 31 C	7/02
		7/10
		13/00
299	B 31 C	1/00
300, 301	B 31 C	1/08
302	B 31 C	13/00
303–307	B 31 C	3/00
		13/00
308	B 31 C	1/04
		3/04
309–312	B 31 B	1/78
313–317	B 31 B	1/80
318, 319	B 31 B	1/78
320	B 31 B	1/88
321	B 41 F	13/54
322	B 31 B	1/88
	B 31 F	7/00
	B 41 F	3/20
323	B 31 B	1/88
	B 31 F	7/00
	B 41 F	11/00
324, 325	B 31 B	1/88
	B 31 F	7/00
	B 41 F	13/56
326	B 31 F	1/00
		7/00
327	B 31 F	7/02
328	B 31 B	1/62
329	B 05 C	3/00
	B 31 B	1/62
	B 31 F	5/04
330	B 05 C	1/00
	B 31 B	1/62
	B 31 D	
331–337	B 05 C	1/00
	B 05 D	5/10
338, 339	B 05 B	43/00
340–372	B 05 B	1/14
		49/00
	B 31 F	5/02
		7/00
373	B 31 B	49/00
374	B 31 B	13/00
		17/00
		49/00
	B 31 D	1/00
		3/00
		5/00
375, 376	B 31 B	1/90
	B 31 D	1/02
377	B 31 B	1/90
378	B 31 F	5/00
379–381	B 31 B	49/00
	B 31 D	1/00
	B 31 F	1/00
		5/00
382	B 31 B	1/60
		49/00
	B 31 F	5/06
383–385	B 31 B	1/68
386–389	B 31 B	7/00
		11/00
		13/00
		15/00
390	B 31 B	1/50
391	B 31 B	11/00
		49/00
392	B 31 B	1/68
393, 394	B 31 B	1/60
		1/82
		1/90
395	B 31 F	1/00
396	B 31 B	1/25
	B 31 F	1/08
397–399	B 31 B	1/26
		7/00
	B 31 F	1/00
400–403	B 31 B	1/36
404	B 31 B	1/25
	B 31 F	1/08
		7/00
405	B 31 B	1/26
	B 31 F	1/00
406	B 31 F	1/00
407	B 31 F	1/12
408	B 31 B	1/00
		49/00
409, 410	B 31 B	1/00
411	B 31 B	1/26
	B 31 F	1/00
412	B 31 B	1/26
	B 31 F	1/00
413–415	B 31 F	1/00
		7/00
416–418	B 31 F	1/00
419–421	B 31 F	1/00
		7/00
422, 423	B 31 F	1/00
424–429	B 31 F	1/08
		1/10
430	B 31 F	1/20
431, 432	B 31 F	1/00
433	B 31 F	1/00
		7/00
434, 435	B 31 F	1/10
436–440	B 31 F	1/00
		7/00
441	B 31 F	1/30
		7/00
442–445	B 31 F	1/10
		7/00
446–451	B 31 F	1/00
		7/00
452	B 31 B	1/26
		1/84
453	B 31 B	1/48
454	B 31 B	1/56
455, 456	B 31 B	1/44
457	B 31 B	1/52
458	B 31 B	1/26
459	B 31 B	1/36
460–462	B 31 F	1/00
463	B 31 F	1/20
464–466	B 31 B	1/00
467	B 31 B	1/62
468–476	B 31 B	1/28
		47/00
		49/00
477–479	B 31 B	1/00
		47/00
		49/00
480	B 31 B	

U.S. Class 494

Imperforate bowl, centrifugal separators

(IPC B 04 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 04 B	9/10
		11/02
		11/04
		13/00
2–4	B 04 B	1/16
		1/18
		11/02
		11/04
		11/05
5, 6	B 04 B	11/02
		11/04
7–9	B 04 B	9/10
		13/00
10	B 04 B	15/00
11	B 04 B	13/00
12	B 04 B	7/06
13, 14	B 04 B	15/02
15	B 04 B	15/00
16	B 04 B	5/02
17	B 04 B	5/02
		11/00
18	B 04 B	5/02
		9/00
		11/00
19	B 04 B	5/02
		9/00
20, 21	B 04 B	5/02
22	B 04 B	5/06
		11/00
23	B 04 B	11/00
		15/08
		15/12
24	B 04 B	9/06
		11/00
25, 26	B 04 B	11/00
		15/08
		15/12
27–30	B 04 B	11/00
		15/06
31, 32	B 04 B	5/00
		5/10
33	B 04 B	5/02
		5/10
34	B 04 B	5/00
		5/10
35	B 04 B	1/00
		3/00
		5/00
36	B 04 B	5/10
		7/16
		7/18
37	B 01 0	21/26
		43/00
		45/00
		45/12
		45/14
38	B 04 B	3/08
		7/02
		7/08
		9/00
		9/02
		15/08
39	B 04 B	15/08
40	B 04 B	3/08
		7/08
41	B 04 B	7/02
		7/08
		9/00
		9/08
42	B 04 B	5/10
		11/00
		15/00
43	B 04 B	1/02
		1/04
		1/06
		1/08
		7/08
		7/10
		7/12
		7/14
44	B 04 B	1/04
		5/10
		7/08
45	B 04 B	7/08
		7/12
46	B 04 B	9/00
47	B 04 B	3/06
		9/00
48	B 04 B	1/10
		1/14
		3/08
		11/00
49	B 04 B	9/00
		9/06
50, 51	B 04 B	1/20
		3/02
		3/04
		9/00
		11/00
		11/08
52	B 04 B	1/20
		3/04
53, 54	B 04 B	1/20
		3/04
55	B 04 B	11/08
56	B 04 B	1/10
		1/14
		11/00
		11/04
		11/05
		11/08
57–59	B 04 B	11/08
60	B 04 B	7/02
		7/04
		9/12
		11/06
		15/08
61	B 04 B	7/02
		15/08
62	B 04 B	7/02
		9/12
63	B 04 B	7/02
		7/08
		11/06
64	B 04 B	15/06
65	B 04 B	11/00
		11/02
66	B 04 B	1/04
		7/12
67–69	B 04 B	1/04
		1/08
		7/12
		7/14
70–73	B 04 B	1/08
		7/14
74, 75	B 04 B	1/04
		7/12
76–78	B 04 B	1/06
		7/12
79, 80	B 04 B	1/04
		7/12
81	B 04 B	7/08
82	B 04 B	9/14
83	B 04 B	9/00
		9/08
84	B 04 B	9/00
		9/02
		9/04
		9/06
		9/08
		9/10
85	B 01 0	
	B 04 B	

U.S. Class 501

Compositions:ceramic

(IPC C 04 B)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 04 B	35/00
2	C 03 C	10/00
3	C 03 C	10/16
4	C 03 C	10/14
5	C 03 C	10/04
6	C 03 C	10/10
7	C 03 C	10/12
8	C 03 C	10/06
9	C 03 C	10/08
10	C 03 C	10/02
11, 12	C 03 C	3/00
13	C 03 C	4/00
14	C 03 C	8/00
15	C 03 C	8/24
16	C 03 C	8/22
17	C 03 C	8/14
18	C 03 C	8/20
19	C 03 C	8/18
20	C 03 C	8/16
21	C 03 C	8/02
22	C 03 C	8/10
23	C 03 C	8/12
24	C 03 C	8/08
25	C 03 C	8/06
26	C 03 C	8/04
27	C 03 C	6/00
		6/02
28	C 03 C	6/10
29	C 03 C	6/08
30	C 03 C	6/06
31	C 03 C	6/04
32	C 03 C	1/00
		14/00
33	C 03 C	12/00
34	C 03 C	12/02
35	C 03 C	13/00
36	C 03 C	13/06
37	C 03 C	13/04
38	C 03 C	13/02
39	C 03 C	11/00
40	C 03 C	3/32
41	C 03 C	3/12
42	C 03 C	3/253
43	C 03 C	3/23
44	C 03 C	3/247
45	C 03 C	3/16
46	C 03 C	3/21
47	C 03 C	3/19
48	C 03 C	3/17
49	C 03 C	3/14
50	C 03 C	3/15
51	C 03 C	3/155
52	C 03 C	3/145
53	C 03 C	3/04
54	C 03 C	3/06
55	C 03 C	3/076
56	C 03 C	3/11
57	C 03 C	3/112
58	C 03 C	3/115
59	C 03 C	3/118
60	C 03 C	3/102
61	C 03 C	3/108
62	C 03 C	3/105
63	C 03 C	3/097
64	C 03 C	3/095
65	C 03 C	3/089
66	C 03 C	3/091
67	C 03 C	3/093
68	C 03 C	3/083
69	C 03 C	3/085
70, 71	C 03 C	3/087
72	C 03 C	3/078
73	C 03 C	3/062
74	C 03 C	3/07
75	C 03 C	3/072
76	C 03 C	3/074
77	C 03 C	3/064
78	C 03 C	3/068
79	C 03 C	3/066
80	C 04 B	38/00
81–83	C 04 B	38/06
84	C 04 B	38/02
		38/10
85	C 04 B	38/00
86	C 30 B	29/00
87–93	C 04 B	35/52
		35/56
94	C 04 B	35/02
95	C 04 B	35/02
		35/08
96–98	C 04 B	35/58
99–101	C 04 B	35/52
		35/54
102–107	C 04 B	35/48
		35/49
108–116	C 04 B	35/02
		35/04
117	C 04 B	35/04
		35/42
118–120	C 04 B	35/02
		35/04
121	C 04 B	35/44
122	C 04 B	35/04
		35/14
		35/18
123–125	C 04 B	35/02
126–132	C 04 B	35/02
		35/10
		35/16
		35/18
		35/26
		35/40
133132	C 04 B	35/14

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 501—Con.		
		35/16
134–139	C 04 B	35/46
		35/48
		35/49
140	C 04 B	35/00
141, 142	C 04 B	33/00
143, 144	C 04 B	33/24
145–149	C 04 B	33/00
		33/02
		33/04
150	C 04 B	33/02
		33/04
		33/10
		33/30
		33/32
151	C 04 B	33/00
		35/02
		35/16
152	C 04 B	35/05
		35/51
153	C 04 B	35/10
		35/18
		35/44
154	C 04 B	35/16
		35/18
		35/20
		35/22
155	C 04 B	35/00
900–903	C 03 C	4/00
904	C 03 C	4/10
905	C 03 C	4/08
U.S. Class 502		
Catalyst,solid sorbent,or support therefor,product or process of making		
(IPC B 01 J)		
1	B 01 J	33/00
2	B 01 J	33/00
3	B 01 J	35/12
4	B 01 J	20/28
		35/00
5	B 01 J	37/34
6	B 01 J	20/00
		21/00
		23/00
		25/00
		27/00
		29/00
		31/00
7	B 01 J	37/36
8–010	B 01 J	35/08
11, 012	B 01 J	37/30
20–056	B 01 J	20/34
20	B 01 J	21/20
		23/90
		25/04
		27/28
		29/38
		31/40
		38/00
21	B 01 J	38/72
22	B 01 J	38/48
23	B 01 J	38/71
24	B 01 J	38/68
25	B 01 J	38/64
26	B 01 J	38/66
27	B 01 J	38/60
28	B 01 J	38/62
29	B 01 J	38/50
30	B 01 J	38/58
31	B 01 J	38/56
32	B 01 J	38/54
33	B 01 J	38/52
34	B 01 J	38/04
35	B 01 J	38/42
36	B 01 J	38/46
37	B 01 J	38/44
38	B 01 J	38/12
39	B 01 J	38/40
40	B 01 J	38/38
41	B 01 J	38/30
42	B 01 J	38/36
43	B 01 J	38/34
44	B 01 J	38/32
45	B 01 J	38/22
46	B 01 J	38/28
47	B 01 J	38/26
48	B 01 J	38/24
49	B 01 J	38/20
50	B 01 J	38/18
51	B 01 J	38/16
52	B 01 J	38/14
53	B 01 J	38/10
54	B 01 J	38/08
55	B 01 J	38/06
56	B 01 J	38/02
60–062	B 01 J	29/04
60	B 01 J	29/28
63–071	B 01 J	29/06
78	B 01 J	29/18
79	B 01 J	29/08
80–084	B 01 J	21/16
85–087	B 01 J	29/04
100	B 01 J	21/00
		23/00
		25/00
		29/00
101	H 01 M	4/88
102–134	B 01 J	31/00
		37/00
	C 08 F	4/02
		4/60
150–173	B 01 J	31/00
174	B 01 J	21/18
		27/20
175	B 01 J	27/26
176	B 01 J	27/236
177	B 01 J	27/22
178	B 01 J	27/224
179	B 01 J	27/228
180–185	B 01 J	21/18
181	B 01 J	27/06
182	B 01 J	23/00
183	B 01 J	23/02
		23/06
184	B 01 J	23/02
		23/48
		23/72
185	B 01 J	23/40
		23/74
200	B 01 J	27/24
202–207	B 01 J	21/02
208	B 01 J	27/14
209	B 01 J	27/198
210	B 01 J	27/188
211	B 01 J	27/19
212	B 01 J	27/192
213	B 01 J	27/185
214	B 01 J	27/182
215	B 01 J	27/057
216	B 01 J	27/02
217	B 01 J	27/053
218	B 01 J	27/055
219	B 01 J	27/047
220	B 01 J	27/051
221	B 01 J	27/049
222	B 01 J	27/043
223	B 01 J	27/045
224	B 01 J	27/06
225	B 01 J	27/122
226	B 01 J	27/138
227	B 01 J	27/135
228	B 01 J	27/132
229	B 01 J	27/128
230	B 01 J	27/13
231	B 01 J	27/125
232–263	B 01 J	21/08
		21/12
		21/14
300	B 01 J	23/00
301	B 01 J	25/00
		25/02
		25/04
302–323	B 01 J	23/00
324	B 01 J	23/32
325	B 01 J	23/00
326, 327	B 01 J	23/40
328	B 01 J	23/42
329	B 01 J	23/58
330	B 01 J	23/60
331	B 01 J	23/58
332	B 01 J	23/72
333	B 01 J	23/56
334	B 01 J	23/44
335	B 01 J	23/42
336	B 01 J	23/00
		23/70
		23/74
337	B 01 J	23/00
338	B 01 J	23/70
		23/74
339	B 01 J	23/42
		23/44
340–343	B 01 J	23/02
		23/06
344	B 01 J	23/02
		23/04
345–346	B 01 J	23/70
		23/72
347, 348	B 01 J	23/48
		23/50
349–352	B 01 J	23/00
353	B 01 J	23/16
		23/18
		23/20
354	B 01 J	23/20
355	B 01 J	23/00
		23/08
400	B 01 J	20/00
401	B 01 J	20/22
402	B 01 J	20/26
403–404	B 01 J	20/00
405–406	B 01 J	20/02
407–412	B 01 J	20/10
		20/12
		20/14
		20/16
		20/18
413	B 01 J	20/20
414, 415	B 01 J	20/00
416–438	B 01 J	20/02
439	B 01 J	21/04
		23/02
U.S. Class 518		
Chemistry,fischer–tropsch reaction		
(IPC C 07 C)		
700–721	C 07 C	27/00
		27/06
722	C 07 C	27/06
		27/26
723–725	C 07 C	27/06
		27/34
726	C 07 B	63/02
	C 07 C	27/26
727	C 07 B	21/00
	C 07 C	27/02
		27/26
728	C 07 C	27/00
		27/06
U.S. Class 520		
Synthetic resins		
(IPC C 08)		
1	C 08 C	
	C 08 F	
	C 08 G	
	C 08 H	
	C 08 J	
	C 08 K	
	C 08 L	
	C 09 D	
	C 09 F	
	C 09 G	
	C 09 J	
U.S. Class 521		
Synthetic resins		
(IPC C 08 J)		
25–29	C 08 D	5/20
30–33	C 08 F	
34–37	C 08 G	
38	C 08 F	
39	C 08 G	
40, 405	C 08 J	11/04
41, 415	C 08 J	11/04
42, 425	C 08 J	11/04
43, 435	C 08 J	11/04
44, 445	C 08 J	11/04
45	C 08 J	11/04
45.5	B 29 C	17/00
46, 465	C 08 J	11/04
47, 475	C 08 J	11/04
48, 485	C 08 J	11/04
49, 495	C 08 J	11/04
49.8	C 08 J	11/04
50	C 08 J	9/00
51	C 08 J	9/34
52	C 08 J	9/38
53	C 08 J	9/36
54	C 08 J	
55	C 08 J	
56	C 08 J	9/16
57, 58	C 08 J	9/22
59	C 08 J	9/16
60	C 08 J	9/18
61	C 08 J	9/26
62, 63	C 08 J	9/26
		9/28
64	C 08 J	9/28
65–72	C 08 J	9/28
		9/30
73–75	C 08 J	9/30
76	C 08 J	9/00
		9/32
77–81	C 08 J	9/00
82, 83	C 08 J	9/00
	C 08 K	
84.1	C 08 J	
	C 08 K	
	C 08 L	
85–108	C 08 J	9/00
	C 08 K	
109.1	C 08 J	
	C 08 K	
	C 08 L	
110–133	C 08 J	9/00
	C 08 K	
	C 08 L	
134	C 08 L	63/00
135	C 08 L	61/00
136	C 08 L	75/00
137	C 08 L	67/00
138		77/00
139	C 08 L	
140	C 08 L	47/00
141	C 08 F	16/06
		116/06
		216/06
142	C 08 F	
143	C 08 F	110/00
144	C 08 F	210/00
145, 146	C 08 F	14/00
		114/00
		214/00
147	C 08 F	
148	C 08 F	36/04
		136/04
		236/04
149	C 08 F	
150	C 08 F	36/00
151	C 08 H	5/00
152	C 08 G	77/56
		79/08
153	C 08 G	79/00
		79/10
		79/12
154	C 08 G	77/00
155–177	C 08 G	18/00
		18/14
178	C 08 G	59/00
179	C 08 G	59/42
180	C 08 G	63/00
		65/38
181	C 08 G	8/00
		14/04
182	C 08 G	63/00
183–185	C 08 G	63/44
		69/44
		73/10
186	C 08 G	4/00
		6/00
		10/00
		12/00
		14/00
		16/00
		65/00
187	C 08 G	12/00
188	C 08 G	12/12
189	C 08 G	
U.S. Class 523		
Synthetic resins		
(IPC C 08 C)		
1	C 08 C	
	C 08 J	3/00
	C 08 K	
	C 08 L	
	C 09 D	
100–103	A 61 L	
105–108	C 08 J	
	C 08 K	
	C 08 L	
109	A 61 K	6/10
	C 08 J	
	C 08 K	
	C 08 L	
111	C 08 L	15/00
112	A 01 N	1/00
113–115	A 61 F	2/00
	C 08 J	
	C 08 K	
	C 08 L	
116, 117	A 61 K	6/08
	C 08 J	
	C 08 K	
	C 08 L	
118	C 08 J	
	C 08 K	
	C 08 L	
120	A 61 K	6/00
121–125	C 08 J	
	C 08 K	
	C 08 L	
126	C 08 K	5/56
127	C 08 K	5/00
128	C 08 K	5/00
		11/00
129	C 08 K	11/00
130, 131	C 09 K	7/00
132	C 09 K	17/00
134	H 01 M	2/00
135	C 08 J	
	C 08 K	
	C 08 L	
136	G 21 F	1/10
137	G 21 F	1/10
	G 21 K	1/10
138	C 08 J	
	C 08 K	
	C 08 L	
139	B 22 C	1/00
		1/22
		3/00
140	B 22 D	7/10
	C 21 B	7/12
141	C 21 B	7/00
	C 21 C	5/46
142–148	B 22 C	11/22
149, 150	C 08 J	5/14
152, 153	C 08 J	5/14
155–159	C 08 J	5/14
160	C 03 C	17/00

U.S. Class 523—Con.

U.S. Subclass	IPC Subclass	IPC Notation
161	C 09 0	5/00
		11/00
164	C 09 D	13/00
166	B 60 C	21/00
167	A 43 D	
	C 09 G	1/00
168	C 03 C	27/00
169	C 09 K	3/18
170	C 03 X	8/14
171	C 09 D	5/29
172	F 21 D	7/22
173	H 02 G	15/00
174	G 11 B	3/70
175	B 05 D	5/08
	C 10 M	
176	C 09 J	3/00
179	C 09 K	21/14
180	C 06 B	23/00
181	G 11 B	5/62
200	C 08 K	9/00
201, 202	C 08 F	
	C 08 G	
	C 08 L	83/00
204	C 08 K	9/02
205–209	C 08 K	9/00
210, 211	C 08 K	9/10
		9/12
212–214	C 08 K	9/06
215–217	C 08 K	9/00
218, 219	C 08 J	9/32
220	C 08 K	7/00
221	C 08 L	
222	C 08 K	7/02
223	C 08 K	7/16
300	C 08 J	3/28
	C 08 K	
	C 08 L	
303	C 08 J	3/00
305–307	C 08 K	
309, 310	C 08 L	
312, 313	C 08 L	
315, 318	C 08 L	
319, 322	C 08 L	
323, 324	C 08 L	
326, 328	C 08 J	3/00
330, 334	C 08 K	
	C 08 L	
335	C 08 C	
	C 08 J	3/02
	C 08 K	
	C 08 L	
336, 337	C 08 J	3/00
339, 340	C 08 K	
342–344	C 08 K	
346–348	C 08 K	
351	C 08 J	3/20
	C 08 K	
	C 08 L	
352	C 08 J	3/16
	C 08 K	
	C 08 L	
353	C 08 J	3/00
	C 08 K	
	C 08 L	
375	C 08 J	
	C 08 K	
	C 08 L	
400	C 08 K	
	C 08 L	63/00
401	C 08 L	63/00
402, 403	C 08 K	3/20
	C 08 L	63/00
404	C 08 K	3/20
406	C 08 K	3/20
	C 08 L	
407	C 08 K	3/20
	C 08 L	51/00
408–413	C 08 K	3/20
	C 08 L	
414–418	C 08 L	63/00
420, 421	C 08 K	3/20
423	C 08 K	3/20
	C 08 L	
424	C 08 K	3/20
425	C 08 K	3/20
	C 08 L	63/00
427–429	C 08 K	
	C 08 L	63/00
433–439	C 08 K	
	C 08 L	
440, 442, 443	C 08 L	63/00
444	C 08 K	3/40
	C 08 L	63/00
445	C 08 K	
	C 08 L	63/00
446	C 08 K	11/00
	C 08 L	63/00
447	C 08 L	3/00
		5/00
		63/00
448	C 08 L	1/00
		63/00
449	C 08 L	63/00
		89/00
450	C 08 L	63/00
		95/00
451, 452	C 08 K	
	C 08 L	63/00
453	C 08 K	5/36
	C 08 L	63/00
454	C 08 K	5/07
	C 08 L	63/00
455	C 08 K	5/09
		5/10
	C 08 L	63/00
456–461	C 08 K	5/00
	C 08 L	63/00
462	C 08 K	5/02
	C 08 L	63/00
463–465	C 08 K	5/01
	C 08 L	63/00
466465	C 08 K	3/00
466	C 08 L	63/00
467465	C 08 K	3/00
467	C 08 L	
468465	C 08 K	3/04
468	C 08 L	63/00
500465	C 08 K	
500	C 08 L	67/00
501, 502	C 08 K	3/20
	C 08 L	67/00
503, 504	C 08 K	3/20
	C 08 L	67/00
505, 506	C 08 K	
	C 08 L	67/00
507, 508	C 08 K	5/00
	C 08 L	67/00
509	C 08 K	11/00
510	C 08 K	5/06
		5/13
	C 08 L	67/00
511	C 08 K	5/00
	C 08 L	67/00
512	C 08 K	3/04
	C 08 L	67/00
513	C 08 K	3/00
	C 08 L	67/00
514–516	C 08 K	
	C 08 L	67/00
517	C 08 K	5/02
	C 08 L	67/00
518	C 08 K	5/01
	C 08 L	67/00
		91/08
		95/00
521	C 08 K	3/34
	C 08 L	67/00
522, 523	C 08 K	
526	C 08 L	
527	C 08 K	3/40
	C 08 L	6/70

U.S. Class 524

Synthetic resins

(IPC C 08 L)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 08 J	
	C 08 L	
2–8	C 08 J	
	C 08 K	3/00
	C 08 L	
9, 10	C 08 J	
9	C 08 K	11/00
9, 10	C 08 L	
		89/00
10	C 08 K	
11	C 08 J	
	C 08 L	
		89/06
12	C 08 J	
	C 08 L	
13, 14	C 08 J	
	C 08 L	
15, 16	C 08 J	
	C 08 K	11/00
	C 08 L	
17	C 08 J	
	C 08 L	
		89/00
18	C 08 L	
		1/00
		3/00
		5/00
		89/00
		93/00
19	C 08 K	5/01
	C 08 L	
		19/08
		89/00
20–26	C 08 J	
	C 08 L	
		89/00
27	C 08 J	
	C 08 L	
		5/00
28	C 08 J	
	C 08 L	
		5/04
29, 30	C 08 L	
31–34	C 08 J	
31, 34	C 08 L	
35	C 08 J	
	C 08 L	
		1/00
36	C 08 J	
	C 08 L	
		1/08
		1/22
37	C 08 J	
	C 08 L	
		1/10
		1/20
38–40	C 08 J	
	C 08 L	
		1/14
41	C 08 J	
	C 08 L	
		1/12
42–44	C 08 J	
	C 08 L	
		1/26
45	C 08 J	
	C 08 L	
46	C 08 J	
	C 08 L	
47	C 08 J	
	C 08 L	
		3/00
		89/00
48	C 08 J	
	C 08 L	
		3/02
		5/16
49	C 08 J	
	C 08 L	
		3/04
50	C 08 J	
	C 08 L	
51	C 08 J	
	C 08 L	
52, 53	C 08 J	
	C 08 L	
54	C 08 J	
	C 08 L	
55	C 08 J	
	C 08 L	
56, 57	C 08 J	
	C 08 K	5/15
	C 08 L	
		5/00
58	C 08 J	
	C 08 K	50/07
	C 08 L	
59	C 08 J	
	C 08 L	
		95/00
60	C 08 J	
	C 08 K	3/20
	C 08 L	
		95/00
61	C 08 J	
	C 08 K	
	C 08 L	
		95/00
62	C 08 J	
	C 08 K	5/01
	C 08 L	
		91/08
		95/00
63	C 08 J	
	C 08 K	3/04
	C 08 L	
64–68	C 08 J	
	C 08 L	
69	C 08 J	
	C 08 L	31/00
		33/00
		95/00
70–71	C 08 J	
	C 08 L	
70, 71	C 08 L	95/00
72–76	C 08 J	
	C 08 K	5/13
	C 08 L	
		97/00
		99/00
77	C 08 J	
	C 08 L	
78	C 08 J	
	C 08 K	11/00
	C 08 L	
		99/00
79	C 08 J	
	C 08 K	3/04
		11/00
	C 08 L	
80	C 08 J	
	C 08 K	
	C 08 L	
81	C 08 J	
	C 08 K	5/00
	C 08 L	
82	C 08 J	
	C 08 K	5/45
	C 08 L	
83	C 08 J	
	C 08 K	5/46
		5/48
	C 08 L	
84, 85	C 08 J	
	C 08 K	5/45
	C 08 L	
86–94	C 08 J	
	C 08 K	5/34
		5/48
	C 08 L	
95–97	C 08 J	
	C 08 K	5/35
	C 08 L	
98–106	C 08 J	
	C 08 K	5/34
	C 08 L	
107–114	C 08 J	
	C 08 K	5/15
107	C 08 L	
115–122	C 08 J	
	C 08 K	5/49
	C 08 L	
123–126	C 08 J	
	C 08 K	5/53
123–125	C 08 L	
127	C 08 J	
	C 08 K	5/52
	C 08 L	
128, 129	C 08 J	
	C 08 K	5/51
	C 08 L	
130–135	C 08 J	
	C 08 K	5/53
	C 08 L	
136–138	C 08 J	
	C 08 K	5/51
	C 08 L	
139	C 08 J	
	C 08 K	5/51
	C 08 L	
140–145	C 08 J	
	C 08 K	5/52
	C 08 L	
146	C 08 J	
	C 08 K	5/49
	C 08 L	
147–153	C 08 J	
	C 08 K	5/51
	C 08 L	
154	C 08 J	
	C 08 K	5/50
	C 08 L	
155, 156	C 08 J	
	C 08 K	5/41
	C 08 L	
157–166	C 08 J	
157, 166	C 08 K	5/42
157–166	C 08 L	
167	C 08 J	
	C 08 K	5/41
	C 08 L	
168, 169	C 08 J	
	C 08 K	5/43
	C 08 L	
170–173	C 08 J	
	C 08 K	5/41
	C 08 L	
174–176	C 08 J	
	C 08 K	5/00
	C 08 L	
177	C 08 J	
	C 08 K	5/00
		5/56
		5/59
	C 08 L	
178	C 08 J	
	C 08 K	5/00
		5/57
	C 08 L	
179–182	C 08 J	
	C 08 K	5/00
		5/58
	C 08 L	
183–185	C 08 J	
	C 08 K	5/55
	C 08 L	
186	C 08 J	
	C 08 K	5/16
	C 08 L	
187	C 08 J	
	C 08 K	5/16
	C 08 L	
188	C 08 J	
	C 08 K	5/54
	C 08 L	
189	C 08 J	
	C 08 K	5/22
		5/24
	C 08 L	
190	C 08 J	
	C 08 K	5/23
	C 08 L	
191–194	C 08 J	
	C 08 K	
	C 08 L	
195	C 08 J	
	C 08 K	5/29
	C 08 L	

U.S. Class 524—Con.

U.S. Subclass	IPC Subclass	IPC Notation
196, 197	C 08 J	
	C 08 K	5/29
	C 08 L	
198–200	C 08 J	
	C 08 K	5/16
	C 08 L	
201, 202	C 08 J	
	C 08 K	5/38
	C 08 L	
203	C 08 K	5/00
		5/38
		5/39
		5/48
204–209	C 08 J	
	C 08 K	5/16
	C 08 L	
210	C 08 J	
	C 08 K	5/20
		5/36
		5/48
	C 08 L	
211–214	C 08 J	
	C 08 K	5/21
		5/36
		5/48
	C 08 L	
215	C 08 J	
	C 08 K	3/20
	C 08 L	
216	C 08 J	
	C 08 K	5/21
		5/36
		5/48
	C 08 L	
217–225	C 08 J	
	C 08 K	5/20
		5/36
		5/48
	C 08 L	
226	C 08 J	
	C 08 K	5/20
226–228	C 08 L	
229	C 08 J	
	C 08 K	5/20
	C 08 L	23/00
230	C 08 J	
	C 08 K	5/20
	C 08 L	23/00
231	C 08 J	
	C 08 K	5/16
		5/20
	C 08 L	
232, 233	C 08 J	
	C 08 K	5/20
	C 08 L	
234	C 08 J	
	C 08 K	5/04
		5/16
		5/20
	C 08 L	
235	C 08 J	
	C 08 K	5/20
	C 08 L	
		33/00
236	C 08 J	
	C 08 K	5/17
		5/33
	C 08 L	
237	C 08 J	
	C 08 K	5/17
		5/29
	C 08 L	
238–252	C 08 J	
	C 08 L	
253	C 08 J	
	C 08 K	3/20
254–258	C 08 J	
	C 08 K	5/17
	C 08 L	
258–252	C 08 K	5/17
259, 260	C 08 J	
	C 08 K	
		5/32
	C 08 L	
261–265	C 08 J	
	C 08 K	5/24
	C 08 L	
266	C 08 J	
	C 08 K	5/24
266265	C 08 L	43/00
267	C 08 J	
	C 08 K	5/54
	C 08 L	
268	C 08 J	
	C 08 K	5/54
268265	C 08 L	43/00
269	C 08 J	
	C 08 K	5/24
269265	C 08 L	23/00
270–273	C 08 J	
	C 08 L	
274	C 08 J	
	C 08 L	23/00
		25/00
		93/00
275	C 08 J	
	C 08 L	
		91/06
276	C 08 J	
	C 08 K	3/20
		3/20
	C 08 L	
		91/06
277–279	C 08 J	
	C 08 L	
		91/06
280–281	C 08 J	
	C 08 K	5/10
		5/38
		5/48
	C 08 L	
282–283	C 08 J	
	C 08 K	5/36
		5/48
	C 08 L	
284283	C 08 J	
	C 08 K	5/09
		5/10
	C 08 L	
285–287	C 08 J	
	C 08 K	5/09
		5/10
		5/12
	C 08 L	
288	C 08 J	
	C 08 K	
		5/09
		5/10
		5/12
	C 08 L	
289	C 08 J	
	C 08 K	5/36
	C 08 L	
290	C 08 J	
	C 08 K	5/09
		5/10
		5/12
	C 08 L	
291	C 08 J	
	C 08 K	5/09
		5/10
		5/12
		5/13
292	C 08 J	
	C 08 K	5/09
		5/10
		5/12
	C 08 L	
293	C 08 J	
	C 08 K	5/09
		5/10
		5/12
	C 08 L	
294–296	C 08 J	
	C 08 K	5/09
		5/12
	C 08 L	
297	C 08 J	
297296	C 08 K	5/12
297	C 08 L	
298–299	C 08 J	
	C 08 K	5/09
		5/12
	C 08 L	
300–301	C 08 J	
	C 08 K	5/09
		5/10
	C 08 L	
302	C 08 J	
	C 08 K	5/36
	C 08 L	
		91/02
303	C 08 J	
	C 08 K	5/36
	C 08 L	
304–305	C 08 J	
	C 08 K	
		5/36
	C 08 L	
306–305	C 08 J	
306305	C 08 K	5/10
306–305	C 08 L	
307	C 08 J	
	C 08 K	
		5/10
	C 08 L	
308	C 08 J	
	C 08 K	5/10
		5/11
		5/15
	C 08 L	
309	C 08 J	
	C 08 K	5/10
		5/11
	C 08 L	
310	C 08 J	
	C 08 K	5/10
		5/11
	C 08 L	
		91/00
311	C 08 J	
	C 08 K	5/10
		5/11
	C 08 L	
312	C 08 J	
	C 08 K	5/10
		5/11
	C 08 L	
313	C 08 J	
	C 08 L	
		91/00
314	C 08 J	
	C 08 K	5/11
	C 08 L	
315–318	C 08 J	
	C 08 K	5/10
	C 08 L	
319–322	C 08 J	
	C 08 K	5/09
	C 08 L	
323–329	C 08 J	
	C 08 K	5/13
	C 08 L	
330	C 08 J	
	C 08 K	5/13
	C 08 L	
331–332	C 08 J	
	C 08 K	5/36
	C 08 L	
333	C 08 J	
	C 08 K	
		5/13
	C 08 L	
334–352	C 08 J	
	C 08 K	5/13
	C 08 L	
353	C 08 J	
	C 08 K	5/00
		5/13
	C 08 L	
354–357	C 08 J	
	C 08 K	5/07
	C 08 L	
358	C 08 J	
359–363	C 08 J	
	C 08 K	5/07
	C 08 L	
364	C 08 J	
	C 08 K	3/02
		5/01
		5/02
		5/04
		5/07
	C 08 L	
365	C 08 J	
	C 08 K	5/07
	C 08 L	
366–367	C 08 J	
	C 08 K	5/06
	C 08 L	
368	C 08 J	
	C 08 K	5/00
		5/06
	C 08 L	
369–378	C 08 J	
	C 08 K	5/06
	C 08 L	
379–380	C 08 J	
	C 08 K	5/05
	C 08 L	
381–382	C 08 J	
	C 08 K	5/05
		5/09
	C 08 L	
383–388	C 08 J	
	C 08 K	5/05
	C 08 L	
389	C 08 J	
	C 08 K	3/20
		5/05
	C 08 L	
390	C 08 J	
	C 08 K	5/01
		5/02
		5/05
391	C 08 J	
	C 08 K	5/05
	C 08 L	
392–393	C 08 J	
	C 08 K	5/36
	C 08 L	
394–400	C 08 J	
	C 08 K	5/04
		5/09
	C 08 L	
401	C 08 J	
	C 08 K	3/00
	C 08 L	
402	C 08 J	
	C 08 K	3/30
	C 08 L	
403	C 08 K	3/10
404–405	C 08 J	
	C 08 K	3/38
	C 08 L	
406–410	C 08 J	
	C 08 K	3/10
	C 08 L	
411–412	C 08 J	
	C 08 K	3/10
		3/16
	C 08 L	
413	C 08 J	
	C 08 K	3/10
	C 08 L	
414–417	C 08 J	
	C 08 K	3/32
	C 08 L	
418–423	C 08 J	
	C 08 K	3/30
	C 08 L	
424	C 08 J	
	C 08 K	3/00
	C 08 L	
425–427	C 08 J	
	C 08 K	3/26
428–429	C 08 J	
	C 08 K	3/28
	C 08 L	
430–433	C 08 J	
	C 08 K	3/18
		3/22
	C 08 L	
434–437	C 08 J	
	C 08 K	3/10
	C 08 L	
438	C 08 J	
	C 08 K	3/00
	C 08 L	
439–441	C 08 J	
	C 08 K	3/08
	C 08 L	
442	C 08 K	3/34
		11/00
	C 08 L	
443–452	C 08 J	
	C 08 K	3/34
	C 08 L	
453–454	C 08 J	
	C 08 K	3/34
	C 08 L	
455–456	C 08 J	
	C 08 K	3/34
	C 08 L	
457	C 08 J	3/02
	C 08 K	3/20
	C 08 L	
458–460	C 08 F	2/16
	C 08 K	3/20
	C 08 L	
		9/04
		9/08
		9/10
		11/02
		13/02
		19/02
		21/02
461	C 08 J	
	C 08 K	3/20
	C 08 L	
462–470	C 08 J	
	C 08 K	5/02
	C 08 L	
471	C 08 J	
	C 08 K	5/03
	C 08 L	
472–473	C 08 J	
	C 08 K	5/02
	C 08 L	
474	C 08 J	
	C 08 K	5/01
	C 08 L	
475	C 08 J	
	C 08 K	3/20
	C 08 L	
476–477	C 08 J	
	C 08 K	5/01
	C 08 L	
478–480	C 08 J	
	C 08 K	5/01
	C 08 L	
		91/08
481–486	C 08 J	
	C 08 K	5/01
	C 08 L	
487–489	C 08 J	
	C 08 K	5/01
	C 08 L	
		91/08
490–491	C 08 J	
	C 08 K	5/01
	C 08 L	
492–493	C 08 J	
	C 08 K	3/34
	C 08 L	
494	C 08 J	
	C 08 K	3/40
	C 08 L	
495–496	C 08 J	
	C 08 K	3/04

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 524—Con.		
	C 08 L	
497	C 08 J	
	C 08 K	3/22
	C 08 L	
498	C 08 J	
	C 08 K	
	C 08 L	
		89/00
499	C 08 J	
	C 08 K	
	C 08 L	
		57/02
500	C 08 J	
	C 08 K	
	C 08 L	
501	C 08 J	3/02
	C 08 K	3/20
	C 08 L	
502	C 08 J	
	C 08 K	
	C 08 L	
503	C 08 J	
	C 08 L	29/04
504	C 08 J	
	C 08 K	
	C 08 L	
		51/00
505	C 08 J	
	C 08 K	
	C 08 L	
		53/00
506	C 08 J	
	C 08 K	
	C 08 L	
		83/00
507	C 08 J	
	C 08 K	
	C 08 L	
		75/00
508	C 08 J	
	C 08 L	
		73/00
509	C 08 J	
	C 08 K	
	C 08 L	
		61/04
510	C 08 J	
	C 08 K	3/20
		3/20
	C 08 L	
		61/04
		61/04
511	C 08 J	
	C 08 K	
	C 08 L	
		47/00
		47/00
		61/04
		61/04
512	C 08 J	
	C 08 K	
	C 08 L	
		61/00
		61/00
513	C 08 J	
	C 08 K	
	C 08 L	
		67/00
		67/00
514	C 08 J	
	C 08 K	
	C 08 L	
		77/00
		77/00
515	C 08 J	
	C 08 K	
	C 08 L	
516	C 08 J	
	C 08 K	
	C 08 L	39/00
		39/00
517	C 08 L	37/00
		37/00
518	C 08 J	
	C 08 K	
	C 08 L	45/00
		45/00
		55/00
		55/00
519–520	C 08 J	
	C 08 K	
	C 08 L	
		27/00
		27/00
521	C 08 J	
	C 08 L	
522–523	C 08 J	
		31/00
		31/00
	C 08 K	
	C 08 L	
		33/00
		33/00
524	C 08 J	
	C 08 K	
	C 08 L	
		31/04
		31/04
525–526	C 08 J	
	C 08 K	
	C 08 L	
527	C 08 J	
	C 08 K	
	C 08 L	
		27/00
		27/00
528	C 08 J	
	C 08 K	
	C 08 L	
		23/00
		23/00
529	C 08 J	
	C 08 K	
	C 08 L	
		51/00
		51/00
530	C 08 J	
	C 08 K	
	C 08 L	37/00
		39/00
		39/00
		51/00
		51/00
531	C 08 J	
	C 08 K	
	C 08 L	37/00
		41/00
		43/00
		51/00
532	C 08 J	
	C 08 K	
	C 08 L	
		45/00
		51/00
533	C 08 J	
	C 08 K	
	C 08 L	
		31/00
		33/00
		51/00
534	C 08 J	
	C 08 K	
	C 08 L	
		51/00
535	C 08 J	
	C 08 K	
	C 08 L	
		43/00
		51/00
536	C 08 J	
	C 08 K	
	C 08 L	
		23/00
		51/00
537	C 08 J	
	C 08 K	
		51/00
		69/00
538	C 08 J	
	C 08 K	
	C 08 L	
		51/00
		77/00
539	C 08 J	
	C 08 K	
	C 08 L	
		51/00
		67/00
540	C 08 J	
	C 08 K	
	C 08 L	
		51/00
541–542	C 08 J	
	C 08 K	
	C 08 L	
		51/00
		61/00
543	C 08 J	
	C 08 K	
	C 08 L	
544–546	C 08 J	
	C 08 K	
	C 08 L	27/12
547	C 08 J	
	C 08 K	
	C 08 L	41/00
		43/00
548	C 08 J	
	C 08 K	
	C 08 L	37/00
		39/00
549	C 08 J	
	C 08 K	
	C 08 L	37/00
550	C 08 J	
	C 08 K	
	C 08 L	49/00
551–552	C 08 J	
	C 08 K	
	C 08 L	27/00
553–554	C 08 J	
	C 08 K	
	C 08 L	
		55/00
555	C 08 J	
	C 08 K	
	C 08 L	39/00
556	C 08 J	
	C 08 K	
	C 08 L	31/00
		33/00
557	C 08 J	
	C 08 K	
	C 08 L	29/04
558	C 08 J	
	C 08 K	
	C 08 L	31/00
		33/00
559	C 08 J	
	C 08 K	
	C 08 L	31/00
560–562	C 08 J	
	C 08 K	
	C 08 L	33/06
563–564	C 08 J	
	C 08 K	
	C 08 L	31/02
565	C 08 J	
	C 08 K	
	C 08 L	55/00
566	C 08 J	
	C 08 K	
	C 08 L	9/02
		55/00
567–569	C 08 J	
	C 08 K	
	C 08 L	27/00
570	C 08 J	
	C 08 K	
	C 08 L	
		77/00
		79/00
571–574	C 08 K	
	C 08 L	
		9/00
575	C 08 J	
	C 08 K	
	C 08 L	9/00
		25/00
575.5	C 08 K	3/04
		3/22
		3/36
		3/40
		5/01
		5/02
	C 08 L	7/00
576	C 08 J	
	C 08 K	
	C 08 L	
		77/00
577	C 08 J	
	C 08 K	
	C 08 L	25/00
578	C 08 J	
	C 08 K	
	C 08 L	25/02
579	C 08 J	
	C 08 K	
	C 08 L	23/18
580–581	C 08 J	
	C 08 K	
	C 08 L	23/26
582	C 08 J	
	C 08 K	
	C 08 L	23/12
583	C 08 J	
	C 08 K	5/00
	C 08 L	23/12
584	C 08 J	
	C 08 K	3/00
	C 08 L	23/12
585	C 08 J	
	C 08 K	
	C 08 L	23/06
586	C 08 J	
	C 08 K	3/00
	C 08 L	23/06
587	C 08 J	
	C 08 K	
	C 08 L	23/06
588	C 08 J	
	C 08 K	
	C 08 L	
		83/00
589–590	C 08 J	
	C 08 K	
	C 08 L	
		75/00
591	C 08 J	
	C 08 K	3/20
	C 08 L	75/00
592–595	C 08 J	
	C 08 K	
		61/00
	C 08 L	
596	C 08 J	
	C 08 K	3/20
	C 08 L	61/00
597	C 08 J	
	C 08 K	
	C 08 L	61/22
598	C 08 J	
	C 08 K	3/20
	C 08 L	61/22
599–600	C 08 J	
	C 08 K	
	C 08 L	
		67/00
		73/00
		77/00
		79/00
601	C 08 J	
	C 08 K	
	C 08 L	
		67/00
602	C 08 J	
	C 08 K	
	C 08 L	
		77/00
		79/00
603	C 08 J	
	C 08 K	
	C 08 L	
604–605	C 08 J	
	C 08 K	
	C 08 L	
		67/02
606	C 08 J	
	C 08 K	
	C 08 L	
		77/00
		79/00
607	C 08 J	
	C 08 K	
	C 08 L	
		77/00
608	C 08 J	
	C 08 K	3/20
	C 08 L	
		77/00
609	C 08 J	
	C 08 K	
	C 08 L	
		81/00
610	C 08 J	
	C 08 K	
	C 08 L	
		85/00
611	C 08 J	
	C 08 K	
	C 08 L	
		69/00
		71/04
612	C 08 J	
	C 08 K	
	C 08 L	
650	C 08 J	
	C 08 K	3/00
	C 08 L	
700	C 08 J	
	C 08 K	
	C 08 L	
701	C 08 J	
	C 08 K	3/02
		3/38
		5/55
	C 08 L	
702	C 08 J	
	C 08 K	
		11/00
	C 08 L	1/00
		89/00
		97/02
703	C 08 J	
	C 08 K	11/00
	C 08 L	
		99/00
704	C 08 J	
	C 08 K	
	C 08 L	
		89/00
705	C 08 J	
	C 08 K	
	C 08 L	
		95/00
706–708	C 08 J	
	C 08 K	3/02
		3/32
		5/49
	C 08 L	
709–712	C 08 J	
	C 08 K	
		5/49
	C 08 L	
713	C 08 J	
	C 08 K	
		3/32
		5/49
714	C 08 J	
	C 08 K	5/16
	C 08 L	
715	C 08 J	
	C 08 K	5/23
	C 08 L	
716	C 08 J	
	C 08 K	
	C 08 L	
		1/00

U.S. Class 524—Con.

U.S. Subclass	IPC Subclass	IPC Notation
717	C 08 J	
	C 08 K	5/16
	C 08 L	
718	C 08 J	
	C 08 K	5/34
	C 08 L	
719	C 08 J	
	C 08 K	5/35
		5/36
	C 08 L	
720	C 08 J	
	C 08 K	5/34
	C 08 L	
721	C 08 J	
	C 08 K	5/13
		5/16
	C 08 L	
722	C 08 J	
	C 08 K	5/17
	C 08 L	
723	C 08 J	
	C 08 K	5/53
	C 08 L	
724–725	C 08 J	
	C 08 K	5/16
	C 08 L	
726	C 08 J	
	C 08 K	5/22
		5/34
	C 08 L	
727	C 08 J	
	C 08 K	5/22
		5/34
	C 08 L	
728	C 08 J	
	C 08 K	
		5/20
		5/21
729	C 08 J	
	C 08 K	5/04
		5/38
	C 08 L	
730	C 08 J	
	C 08 K	5/54
		5/56
	C 08 L	
731	C 08 J	
	C 08 K	5/24
	C 08 L	
732	C 08 J	
	C 08 K	5/07
	C 08 L	
733	C 08 J	
	C 08 K	
	C 08 L	
		1/00
734	C 08 J	
	C 08 K	
	C 08 L	
		3/00
735	C 08 J	
	C 08 K	
	C 08 L	
		97/00
		99/00
736	C 08 J	
	C 08 K	5/13
	C 08 L	
738–741	C 08 J	
	C 08 K	5/13
	C 08 L	
742	C 08 J	
	C 08 K	3/06
		5/36
	C 08 L	
743	C 08 J	
	C 08 K	5/41
		5/45
	C 08 L	
744	C 08 J	
	C 08 K	
		5/41
	C 08 L	
745–748	C 08 J	
	C 08 K	5/01
		5/41
	C 08 L	
750	C 08 J	
	C 08 K	5/36
		5/37
	C 08 L	
751	C 08 J	
	C 08 K	5/15
		5/48
	C 08 L	
752	C 08 J	
	C 08 K	5/01
		5/02
		5/04
		5/15
		5/48
	C 08 L	
753	C 08 J	
	C 08 K	5/15
		5/48
	C 08 L	
754	C 08 J	
	C 08 K	5/15
	C 08 L	
755–757	C 08 K	5/06
758	C 08 J	
	C 08 K	5/06
	C 08 L	
759–760	C 08 J	
	C 08 K	5/06
		5/09
		5/10
	C 08 L	
761–762	C 08 J	
	C 08 L	
	C 08 Y	5/06
763	C 08 J	
	C 08 K	
	C 08 L	91/00
764	C 08 J	
	C 08 K	
	C 08 L	
		93/00
765–766	C 08 J	
	C 08 K	5/05
	C 08 L	
767	C 08 J	
	C 08 K	3/20
		5/05
	C 08 L	
768	C 08 J	
	C 08 K	5/01
		5/02
		5/05
	C 08 L	
769	C 08 J	
	C 08 K	5/04
		5/48
	C 08 L	
770	C 08 J	
	C 08 K	5/07
	C 08 L	
771	C 08 J	
	C 08 K	5/01
		5/02
		5/07
	C 08 L	
772–775	C 08 J	
	C 08 K	5/09
		5/10
	C 08 L	
776	C 08 J	
	C 08 K	5/09
		5/10
	C 08 L	
777	C 08 J	
	C 08 K	5/09
	C 08 L	
778	C 08 J	
	C 08 K	5/09
	C 08 L	
779–781	C 08 J	
	C 08 K	3/08
		3/10
		3/16
	C 08 L	
783–786	C 08 J	
	C 08 K	3/10
		3/38
	C 08 L	
787	C 08 K	3/14
		3/28
		3/30
788	C 08 K	3/14
		3/18
		3/28
		3/30
789	C 08 J	
	C 08 K	3/02
		3/34
		11/00
	C 08 L	
790	C 08 J	
	C 08 K	3/34
		9/04
	C 08 L	
791	C 08 J	
	C 08 K	3/34
	C 08 L	
792–793	C 08 J	
	C 08 K	5/02
	C 08 L	
794	C 08 J	
	C 08 K	3/20
		5/02
	C 08 L	
795	C 08 J	
	C 08 K	5/02
	C 08 L	
796	C 08 J	
	C 08 K	3/02
		3/16
		3/28
	C 08 L	
797	C 08 J	
	C 08 K	
	C 08 L	
		89/00
798	C 08 J	
	C 08 K	
	C 08 L	
		93/00
799	C 08 J	
	C 08 K	
	C 08 L	
		97/00
		99/00
800	C 08 F	2/16
	C 08 J	
	C 08 K	
	C 08 L	
801	C 08 F	2/32
	C 08 J	
	C 08 K	
	C 08 L	
		29/04
804	C 08 F	2/16
	C 08 J	
	C 08 K	
	C 08 L	
805	C 08 J	
	C 08 K	
	C 08 L	27/12
806	C 08 A	
	C 08 J	
	C 08 L	
		43/04
807	C 08 J	
	C 08 K	
	C 08 L	
		43/00
808–809	C 08 J	
	C 08 K	
	C 08 L	
		39/00
811	C 08 J	
	C 08 K	
	C 08 L	
		37/00
		43/00
812	C 08 J	
	C 08 K	
	C 08 L	
		33/00
813	C 08 J	
	C 08 K	
	C 08 L	
		41/00
814	C 08 J	
	C 08 K	
	C 08 L	
		33/00
		35/00
		39/00
815	C 08 J	
	C 08 K	
	C 08 L	
816	C 08 J	
	C 08 K	
	C 08 L	
		41/00
817	C 08 J	
	C 08 K	
	C 08 L	
818	C 08 J	
	C 08 K	
	C 08 L	
		29/00
819–825	C 08 J	
	C 08 K	
	C 08 L	
		33/00
		35/00
827	C 08 J	
	C 08 K	
	C 08 L	
828	C 08 J	
	C 08 K	
	C 08 L	
		9/04
829–831	C 08 J	
	C 08 K	
	C 08 L	
832–833	C 08 J	
	C 08 K	
	C 08 L	
		31/00
		33/00
		35/00
834–835	C 08 J	
	C 08 K	
	C 08 L	
		11/02
		27/00
836	C 08 J	
	C 08 K	
	C 08 L	
		9/10
		23/00
		25/00
837–838	C 08 J	
	C 08 K	
	C 08 L	
		83/00
839–840	C 08 J	
	C 08 K	
	C 08 L	
841	C 08 J	
	C 08 K	
	C 08 L	
		75/00
842	C 08 J	
	C 08 K	
	C 08 L	
		1/00
		3/00
		5/00
		61/04
843	C 08 L	61/00
844	C 08 J	
	C 08 K	
	C 08 L	1/00
		3/00
		5/00
		61/00
845	C 08 J	
	C 08 K	
	C 08 L	67/00
		77/00
		79/00
846	C 08 J	
	C 08 K	
	C 08 L	87/00
847	C 08 J	
	C 08 K	3/00
	C 08 L	
848	C 08 J	
	C 08 K	5/01
	C 08 L	
849	C 08 J	
	C 08 K	
	C 08 L	
850–851	C 08 J	
	C 08 K	
	C 08 L	
852	C 08 J	
	C 08 K	
	C 08 L	
		41/00
		43/00
853–854	C 08 J	
	C 08 K	
	C 08 L	
855	C 08 J	
	C 08 K	
	C 08 L	23/00
		25/00
856	C 08 J	
	C 08 K	
	C 08 L	9/00
		23/00
		25/00
857	C 08 J	
	C 08 K	
	C 08 L	85/00
858	C 08 J	
	C 08 K	
	C 08 L	83/00
859	C 08 J	
	C 08 K	
	C 08 L	83/02
860–866	C 08 J	
	C 08 K	
	C 08 L	83/04
868–869	C 08 J	
	C 08 K	
	C 08 L	83/00
871–875	C 08 J	
	C 08 K	
	C 08 L	75/00
876	C 08 J	
	C 08 K	
	C 08 L	
		61/04
877	C 08 J	
	C 08 K	
	C 08 L	59/00
		61/00
878–879	C 08 J	
	C 08 K	
	C 08 L	
881	C 08 J	
	C 08 K	
	C 08 L	81/00
		85/00
		87/00

U.S. Class 525

Synthetic resins

(IPC C 08 L)

U.S. Subclass	IPC Subclass	Notation
7–74	C 08 G	63/48
		63/76
8	C 08 G	63/46
		63/76
	C 08 H	1/00
	C 08 L	33/04
10–27	C 08 G	63/76
	C 08 L	67/00
		67/02
28	C 08 F	295/00
	C 08 G	63/76
	C 08 L	67/00
		67/02
		75/00
29	C 08 G	63/76
	C 08 L	67/00
		67/02
		83/10
30	C 08 G	63/76
	C 08 L	61/00
		61/20
		61/34
		67/00
		67/02
31	C 08 G	63/76
	C 08 L	63/00
		67/00
		67/02
32	C 08 G	63/76
	C 08 L	61/00
		61/06
		61/34
		67/00
		67/02
32.1	C 08 G	63/54
		63/76
32.2	C 08 G	63/76
33	C 08 G	63/76
	C 08 L	67/00
		67/02
34–49	C 08 G	63/76
	C 08 L	67/00
50–54	C 08 L	
54.1	C 08 H	
	C 08 L	89/00
54.11	C 08 F	
		283/00
	C 08 H	
54.2–54.21	C 08 F	
	C 08 G	
54.22	C 08 G	180/00
54.23	C 08 F	
54.24	C 08 F	
	C 08 G	
54.26	C 08 F	16/06
		116/06
		216/06
54.3–54.32	C 08 F	
	C 08 G	
54.4–54.42	C 08 F	
	C 08 G	
54.44	C 08 F	
54.45	C 08 H	
54.5	C 08 F	
	C 08 G	
55	C 08 F	8/00
56	C 08 F	16/06
		116/06
		216/06
57, 58	C 08 L	29/04
59	C 08 F	8/00
		26/04
60	C 08 F	16/06
		116/06
		216/06
61, 62	C 08 F	8/00
63	C 08 L	51/08
64	C 08 L	51/00
65	C 08 L	51/00
		63/00
66	C 08 L	51/00
		75/00
		77/00
		79/00
67.	C 08 L	69/00
67	C 08 L	51/00
68	C 08 L	61/04
69, 62	C 08 F	8/00
70	C 08 L	51/00
71	C 08 L	51/04
		53/04
72	C 08 L	51/04
73	C 08 L	39/04
		51/00
74	C 08 L	37/00
		51/00
75	C 08 L	51/00
76	C 08 L	27/04
		51/00
77	C 08 L	51/00
78	C 08 L	33/02
		51/00
79	C 08 L	29/02
		29/10
		51/00
80	C 08 L	31/02
		51/00
81, 82	C 08 L	31/06
		33/04
		51/00
83, 84	C 08 L	47/00
		51/00
		51/04
		90/00
85	C 08 L	33/04
		51/00
86, 87	C 08 L	47/00
		51/00
		90/00
88–93	C 08 L	53/00
94	C 08 L	31/00
		33/04
		53/00
95–97	C 08 L	53/00
98, 99	C 08 L	9/00
		47/00
		53/00
100–103	C 08 F	8/00
	C 08 L	83/00
104	C 08 F	8/00
	C 08 L	27/00
		83/00
105	C 08 F	8/00
	C 08 L	8/00
		47/00
		83/00
106	C 08 F	8/00
	C 08 L	83/00
107, 108	C 08 F	8/00
	C 08 L	63/00
109	C 08 F	8/00
	C 08 L	61/04
		63/00
		69/00
110	C 08 F	8/00
	C 08 L	63/00
111	C 08 F	8/00
	C 08 L	63/00
		75/00
111.5	C 08 G	8/00
	C 08 L	63/00
		91/00
112–115	C 08 F	8/00
	C 08 L	63/00
116	C 08 F	8/00
	C 08 L	43/00
		63/00
117	C 08 F	8/00
	C 08 L	63/00
118	C 08 F	8/00
	C 08 L	29/02
		29/10
		63/00
119	C 08 F	8/00
	C 08 L	33/02
		63/00
120	C 08 F	8/00
	C 08 L	63/00
121	C 08 F	8/00
	C 08 L	27/00
		63/00
122	C 08 F	8/00
	C 08 L	9/00
		47/00
		63/00
123–128	C 08 F	8/30
	C 08 L	75/00
129	C 08 F	8/00
	C 08 L	27/00
		75/00
130	C 08 F	8/00
	C 08 L	23/00
		25/00
		47/00
		75/00
131	C 08 F	8/00
	C 08 L	75/00
132	C 08 F	8/00
	C 08 L	71/04
133	C 08 F	8/00
	C 08 L	
133.5	C 08 L	61/04
		91/00
134–137	C 08 F	8/00
	C 08 L	61/00
		61/06
		61/34
138	C 08 F	8/00
	C 08 L	61/00
139–141	C 08 F	8/00
	C 08 L	9/00
		47/00
		61/00
140	C 08 F	8/30
142	C 08 F	8/00
	C 08 L	33/00
		39/00
		61/00
143	C 08 F	8/00
	C 08 L	31/00
		33/00
		35/00
		61/00
144	C 08 F	8/00
	C 08 L	27/00
		61/00
145	C 08 F	8/00
	C 08 L	23/00
		61/00
146, 147	C 08 F	8/00
	C 08 L	69/00
148	C 08 F	8/00
	C 08 L	31/00
		33/00
		35/00
		69/00
149	C 08 F	8/00
	C 08 L	
150	C 08 F	8/00
	C 08 L	81/00
		85/02
151	C 08 F	8/00
	C 08 L	27/00
		71/04
152	C 08 F	8/00
	C 08 L	
153–155	C 08 F	82/80
	C 08 L	61/00
156	C 08 F	82/80
	C 08 L	61/00
		61/18
157	C 08 F	82/80
	C 08 L	61/00
		61/20
158	C 08 F	82/80
	C 08 L	61/00
		61/20
		81/00
		83/00
		85/00
159	C 08 F	82/80
	C 08 L	61/00
160	C 08 F	82/80
	C 08 L	41/00
		43/00
		61/00
161	C 08 F	82/80
	C 08 L	37/00
		39/00
		61/00
162	C 08 F	82/80
	C 08 L	29/02
		29/10
		61/00
163	C 08 F	82/80
	C 08 L	31/00
		33/00
		35/00
		61/00
164	C 08 F	82/80
	C 08 L	9/00
		23/00
		47/00
		61/00
165–167	C 08 F	80/00
	C 08 L	67/02
167.5	C 08 L	67/08
		91/00
168–170	C 08 F	8/00
	C 08 L	67/00
		67/06
171	C 08 F	8/00
	C 08 L	9/00
		47/00
		67/00
		67/06
172	C 08 F	8/00
	C 08 L	67/00
173–176	C 08 F	8/00
	C 08 L	67/02
177	C 08 F	8/00
	C 08 L	23/00
		47/00
		90/00
178–181	C 08 F	8/30
	C 08 L	77/00
182	C 08 F	8/30
	C 08 L	37/00
		39/00
		41/00
		43/00
		45/00
		77/00
183	C 08 F	8/30
	C 08 L	31/00
		33/00
		35/00
		77/00
184	C 08 F	8/30
	C 08 L	23/00
		47/00
		77/00
185, 186	C 08 L	
187	C 08 L	71/02
188	C 08 L	85/02
189	C 08 L	81/00
190	C 08 L	
191–196	C 08 F	8/00
197, 198	C 08 L	
199	C 08 L	27/12
200	C 08 L	
201	C 08 L	33/02
		43/00
202	C 08 L	49/00
203, 204	C 08 L	39/04
205	C 08 L	35/00
		39/04
206	C 08 L	37/00
		41/00
207	C 08 L	35/00
208	C 08 L	37/00
		41/00
209	C 08 L	27/10
		43/00
210, 211	C 08 L	45/00
212	C 08 L	33/14
		41/00
213, 214	C 08 L	27/04
		33/14
215	C 08 L	11/00
		27/04
216	C 08 L	45/00
217	C 08 L	33/00
		35/00
		39/00
218	C 08 L	33/24
219	C 08 L	29/00
220	C 08 L	29/00
		31/00
221	C 08 L	33/02
222	C 08 L	33/04
		35/02
223	C 08 L	33/14
224	C 08 L	33/06
		35/02
225, 226	C 08 L	35/02
227–229	C 08 L	33/06
230	C 08 L	33/06
		33/18
231	C 08 L	29/00
232	C 08 L	9/00
233, 234	C 08 L	9/00
		9/02
		47/00
235	C 08 L	9/00
		27/06
		27/08
		47/00
236, 237	C 08 L	9/00
		47/00
238	C 08 L	33/18
		33/20
239	C 08 L	27/06
		27/08
240	C 08 L	23/04
		231/00
241	C 08 L	25/02
242, 243	C 08 F	
244–266	C 08 F	4/00
		251/00
		253/00
		255/00
		257/00
		259/00
		261/00
		263/00
		265/00
		267/00
		269/00
		271/00
		273/00
		275/00
		277/00
		279/00
		281/00
		283/00
		285/00
		287/00
		289/00
		291/00
267–273	C 08 F	4/00
		293/00
		295/00
		297/00
274	C 08 F	
		275/00
275	C 08 F	
		281/00
276	C 08 F	
		259/00
277	C 08 F	
		263/00
278	C 08 F	
		263/00
		265/00
		271/00
279	C 08 F	
		271/02
280	C 08 F	
		293/00
		297/00
281	C 08 F	
		271/02
282	C 08 F	
		265/10
		267/10

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U.S. Subclass	IPC Subclass	IPC Notation
283	C 08 F	
		271/02
284	C 08 F	269/00
		273/00
		275/00
285	C 08 F	
		267/04
286	C 08 F	
		269/00
		273/00
287, 288	C 08 F	
		275/00
289, 290	C 08 F	
		277/00
		279/00
291	C 08 F	
		273/00
292	C 08 F	
		259/02
293	C 08 F	
		265/00
		267/00
		271/00
294	C 08 F	293/00
		295/00
		297/00
295	C 08 F	
		265/08
		267/08
296	C 08 F	
		265/10
		267/10
297	C 08 F	
		277/00
298	C 08 F	
		261/02
		261/10
299	C 08 F	293/00
		295/00
		297/00
300	C 08 F	
		261/10
301	C 08 F	
		265/02
		267/02
301.5	C 08 F	8/00
		265/02
	C 08 J	267/02
302–306	C 08 F	
		265/04
		267/06
307–311	C 08 F	
		265/04
312	C 08 F	
		261/06
		261/12
313	C 08 F	
		279/00
314	C 08 F	293/00
		295/00
		297/00
315, 316	C 08 F	255/06
		279/00
317	C 08 F	
		259/04
		259/06
318	C 08 F	293/00
		295/00
		297/00
319	C 08 F	
		255/00
320	C 08 F	
		255/08
321	C 08 F	293/00
		295/00
		297/00
322	C 08 F	
		255/02
323	C 08 F	293/00
		295/00
		297/00
324	C 08 F	
		255/02
326.1	C 08 F	8/00

U.S. Subclass	IPC Subclass	IPC Notation
		32/00
		132/00
		232/00
326.2	C 08 F	14/18
		114/18
		214/18
326.3	C 08 F	8/00
		14/18
		114/18
		214/18
326.4	C 08 F	8/18
		8/26
		14/18
		114/18
		214/18
326.5	C 08 F	30/08
		130/08
		230/08
326.6	C 08 F	30/00
		130/08
		230/08
326.7	C 08 F	26/06
		126/06
		226/06
326.8	C 08 F	22/40
		26/06
		122/40
		126/06
		220/40
		226/06
326.9	C 08 F	22/38
		26/10
		122/38
		126/10
		222/38
		226/10
327.1	C 08 F	26/06
		126/06
		226/06
327.2	C 08 F	24/00
		28/00
		30/00
		34/02
		34/04
		124/00
		128/00
		130/00
		134/02
		134/04
		224/00
		228/00
		230/00
		234/02
		234/04
327.3	C 08 F	16/26
		20/32
		24/00
		116/26
		120/32
		124/00
		216/26
		220/32
327.4	C 08 F	20/08
		20/66
		22/04
		120/08
		120/66
		122/04
		220/08
		220/66
		222/04
327.5	C 08 F	8/34
		20/08
		20/66
		22/04
		120/08
		120/66
		122/04
		220/08
		220/66
		222/04
327.6	C 08 F	8/30
		20/08
		20/66
		22/04
		120/08

U.S. Subclass	IPC Subclass	IPC Notation
		120/66
		122/04
		220/08
		220/66
		222/04
327.7	C 08 F	8/14
		20/08
		20/66
		22/04
		120/03
		120/66
		122/04
		220/08
		220/66
		222/04
327.8	C 08 F	8/12
		8/42
		8/44
		20/08
		20/66
		22/04
		120/08
		120/66
		122/04
		220/08
		220/66
		222/04
327.9	C 08 F	240/00
328.1	C 08 F	38/00
		138/00
		238/00
328.2	C 08 F	16/00
		18/22
		20/34
		20/42
		22/22
		26/00
		116/00
		118/22
		120/34
		120/42
		122/22
		126/00
		216/00
		218/22
		220/34
		220/42
		222/22
		226/00
328.3	C 08 F	36/14
		136/14
		236/14
328.4	C 08 F	16/00
		18/22
		20/34
		20/42
		22/22
		22/42
		26/00
		116/00
		118/22
		120/34
		120/42
		122/22
		126/00
		216/00
		218/22
		220/34
		222/22
		226/00
328.5	C 08 F	28/00
		128/00
		228/00
328.6	C 08 F	16/36
		116/36
		216/36
328.7	C 08 F	16/34
		16/38
		116/34
		116/38
		216/34
		216/38
328.8	C 08 F	16/02
		116/02
		216/02
328.9	C 08 F	16/12

U.S. Subclass	IPC Subclass	IPC Notation
		116/12
		216/12
329.1	C 08 F	20/44
		20/50
		120/44
		120/50
329.2	C 08 F	20/44
		20/50
		220/44
		220/50
329.3	C 08 F	36/00
		236/00
329.4	C 08 F	20/56
		120/56
		220/56
329.5	C 08 F	20/00
		22/00
		120/00
		122/00
		220/00
		222/00
329.6	C 08 F	22/00
		122/00
		222/00
329.7	C 08 F	20/02
		20/62
		120/02
		120/62
		220/02
		220/62
329.8	C 08 F	8/39
		8/40
		20/02
		20/62
		120/02
		120/62
		220/02
		220/62
329.9	C 08 F	8/30
		20/02
		20/62
		120/02
		120/62
		220/02
		220/62
330.1	C 08 F	8/14
		20/02
		20/62
		120/02
		120/62
		220/02
		220/62
330.2	C 08 F	8/12
		8/42
		8/44
		20/02
		20/62
		120/02
		120/62
		220/02
		220/62
330.3	C 08 F	20/10
		120/10
		220/10
330.4	C 08 F	8/34
		8/40
		20/10
		120/10
		220/10
330.5	C 08 F	8/30
		20/10
		120/10
		220/10
330.6	C 08 F	8/12
		8/14
		8/42
		8/44
		20/10
		120/10
		220/10
330.7	C 08 F	14/00
		14/16
		114/16
		214/00
		214/16
330.8	C 08 F	14/00

U.S. Subclass	IPC Subclass	IPC Notation
		36/00
		114/00
		136/01
		214/00
		236/00
330.9	C 08 F	8/00
		14/00
		36/00
		114/00
		136/00
		214/00
		236/00
331.1	C 08 F	8/30
		14/00
		36/00
		114/00
		136/00
		214/00
		236/00
331.2	C 08 F	8/18
		14/00
		36/00
		114/00
		136/00
		214/00
		236/00
331.3	C 08 F	8/30
		14/00
		14/02
		36/00
		114/00
		136/00
		214/00
		236/00
331.4	C 08 F	114/02
		214/02
331.5	C 08 F	14/06
		14/08
		114/06
		114/08
		214/06
		214/08
331.6	C 08 F	8/18
		14/06
		14/08
		114/06
		114/08
		214/06
		214/08
331.7	C 08 F	210/16
		210/18
331.8	C 08 F	8/34
		210/16
		210/18
331.9	C 08 F	36/00
		136/00
		236/00
332.1	C 08 F	32/00
		36/20
		132/00
		136/20
		232/00
		236/20
332.2	C 08 C	19/12
	C 08 F	12/36
		112/36
		212/36
332.3	C 08 F	8/18
		32/00
		36/20
		132/00
		136/20
		232/00
		236/20
332.4	C 08 F	8/34
		19/20
		32/00
		36/20
		132/00
		136/20
		232/00
		236/20
332.5	C 08 C	19/00
	C 08 F	8/00
		32/00
		36/20

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 525—Con.		
		132/00
		136/20
		232/00
		236/20
332.6, 332.7	C 08 C	19/00
	C 08 F	8/34
		32/00
		36/20
		132/00
		136/20
		232/00
		236/20
332.8	C 08 F	36/00
		236/00
332.9	C 08 F	36/00
		236/10
333.1	C 08 F	36/08
		136/00
		136/08
		236/00
		236/08
333.2	C 08 F	36/06
		136/06
333.3	C 08 F	12/08
		112/08
		212/08
333.4	C 08 F	8/18
		12/08
		112/08
		212/08
333.5	C 08 F	8/34
		12/08
		112/08
		212/08
333.6	C 08 F	8/30
		12/08
		112/08
		212/08
333.7	C 08 F	10/00
		100/00
		200/00
333.8	C 08 F	8/00
		10/00
		100/00
		200/00
333.9	C 08 F	8/34
		10/00
		100/00
		200/00
334.1	C 08 F	8/18
		10/00
		100/00
		200/00
337	C 08 C	19/00
	C 08 F	8/00
		8/42
338	C 08 C	19/02
	C 08 F	8/02
		8/42
339	C 08 C	19/02
	C 08 F	8/04
340, 341	C 08 C	19/24
	C 08 F	8/40
342	C 08 C	19/00
	C 08 F	8/00
		8/00
		8/42
		8/42
343–347	C 08 C	19/20
	C 08 F	8/34
348	C 08 C	19/22
349, 350	C 08 C	19/20
	C 08 F	8/34
351, 352	C 08 C	19/22
	C 08 F	8/34
353, 354	C 08 C	19/20
	C 08 F	8/22
355	C 08 C	19/12
	C 08 F	8/18
356–358	C 08 C	19/14
	C 08 F	8/22
359.1–359.5	C 08 C	19/12
	C 08 F	8/18
359.6	C 08 C	19/18
	C 08 F	8/18
360–358	C 08 C	19/00
		19/26
		19/42
360	C 08 F	8/00
		8/12
		8/42
361–373	C 08 C	19/00
		19/22
		19/42
	C 08 F	8/00
		8/42
		8/44
374	C 08 C	19/22
	C 08 F	8/30
		8/44
375	C 08 C	19/22
	C 08 F	8/32
376	C 08 C	19/22
	C 08 F	8/30
377	C 08 C	19/22
	C 08 F	8/30
378	C 08 C	19/22
	C 08 F	8/30
		8/44
379–382	C 08 C	19/22
	C 08 F	8/32
383	C 08 C	19/00
	C 08 F	8/12
384	C 08 C	19/00
	C 08 F	8/00
		8/14
385	C 08 C	19/00
	C 08 F	8/00
		8/28
386	C 08 C	19/00
	C 08 F	8/00
		8/14
		8/46
387	C 08 C	19/04
	C 08 F	8/06
		8/08
388	C 08 C	19/04
	C 08 F	8/06
389	C 08 F	283/00
	C 08 G	79/00
	C 08 L	85/00
390	C 08 G	65/48
	C 08 L	71/04
391, 392	C 08 F	283/08
393	C 08 G	65/48
	C 08 L	71/04
		83/00
394	C 08 G	65/48
	C 08 L	69/00
		71/04
		77/00
395	C 08 G	65/48
	C 08 L	71/04
		75/04
396	C 08 G	65/48
	C 08 L	63/00
		71/02
		71/04
397	C 08 G	65/48
	C 08 L	67/00
		71/04
		77/00
398	C 08 G	60/00
	C 08 L	61/02
399	C 08 G	60/00
	C 08 L	61/02
		75/04
400	C 08 G	60/00
	C 08 L	61/02
		67/00
		77/00
401	C 08 F	283/06
402	C 08 G	60/00
	C 08 L	61/02
403	C 08 G	65/32
	C 08 L	71/02
404	C 08 F	283/06
405	C 08 G	65/32
406	C 08 G	65/32
407	C 08 G	65/32
408	C 08 G	65/32
	C 08 L	67/00
		71/02
		77/00
409	C 08 G	65/32
	C 08 L	71/02
410	C 08 G	63/76
		65/32
	C 08 L	67/00
		71/00
411	C 08 G	63/76
		65/32
	C 08 L	67/00
		71/00
412	C 08 F	283/02
		283/06
413	C 08 G	63/76
		65/32
	C 08 L	67/00
		69/00
		71/00
414	C 08 G	63/76
		65/32
	C 08 L	61/00
		67/00
		71/00
415	C 08 G	63/76
	C 08 L	67/00
416	C 08 F	283/00
	C 08 G	61/02
	C 08 L	65/00
417	C 08 F	283/00
	C 08 G	
418	C 08 F	283/00
	C 08 G	63/76
	C 08 L	67/00
419	C 08 F	283/00
	C 08 G	63/76
		69/48
	C 08 L	67/00
		77/00
420	C 08 F	283/04
	C 08 G	69/48
	C 08 L	77/00
420.5	C 08 F	283/04
	C 08 G	69/49
	C 08 L	77/00
421	C 08 F	283/04
	C 08 G	69/48
	C 08 L	77/00
422	C 08 F	283/04
	C 08 G	69/48
		73/10
	C 08 L	77/00
		79/08
423	C 08 F	283/04
	C 08 G	69/48
	C 08 L	63/00
		77/00
424	C 08 F	283/04
	C 08 G	69/48
	C 08 L	75/00
		77/00
425	C 08 F	283/04
	C 08 G	69/48
	C 08 L	67/00
		77/00
426	C 08 F	283/04
427	C 08 L	61/00
		77/00
428	C 08 L	61/20
		77/00
429	C 08 L	61/00
		61/04
		77/00
430	C 08 L	71/00
		71/02
		77/00
431	C 08 L	77/00
		83/00
432	C 08 L	77/00
433	C 08 L	69/00
		77/00
434	C 08 L	77/00
435, 436	C 08 L	77/06
437	C 08 F	/00
		20/00
438	C 08 F	/00
		20/00
439	C 08 F	/00
		20/00
440	C 08 F	/00
		20/00
441	C 08 F	/00
		20/00
442	C 08 F	/00
		20/00
443	C 08 F	/00
		20/00
444	C 08 F	/00
		20/00
444.5	C 08 F	283/00
		283/02
	C 08 G	63/76
	C 08 L	67/08
445	C 08 F	/00
		20/00
450	C 08 F	/00
451	C 08 F	/00
452	C 08 F	40/00
453	C 08 F	283/04
454	C 08 F	283/04
455	C 08 F	283/04
461	C 08 F	283/00
		283/02
462	C 08 F	283/02
463	C 08 F	283/02
464	C 08 F	283/02
465	C 08 F	283/02
466	C 08 F	283/02
467	C 08 F	283/02
	C 08 L	
		69/00
		77/00
		79/00
468	C 08 F	283/02
469, 470	C 08 L	69/00
471	C 08 F	283/00
	C 08 G	14/00
		16/00
	C 08 L	61/00
472	C 08 F	283/00
	C 08 G	4/00
		10/04
		14/02
		16/04
	C 08 L	61/00
		61/20
473	C 08 F	283/00
	C 08 G	4/00
		10/04
		14/02
		16/04
	C 08 L	61/00
		61/20
474	C 08 F	283/00
		283/12
	C 08 G	77/00
		77/38
	C 08 L	83/00
475	C 08 F	283/00
		283/12
	C 08 G	77/00
		77/38
	C 08 L	83/00
476	C 08 F	283/00
		283/12
	C 08 G	77/00
		77/38
	C 08 L	63/00
		83/00
477, 478	C 08 F	283/00
		283/12
	C 08 G	77/00
		77/38
	C 08 L	83/00
479	C 08 F	283/00
		283/12
480	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
481–486	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		63/00
487	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		63/00
		83/00
488	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		63/00
		67/00
		77/00
489	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
490	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/34
491	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/36
492	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/18
		61/34
493	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/02
		61/06
494	C 08 F	283/00
	C 08 G	8/28
	C 08 L	
		61/00
		61/02
		61/06
495	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/20
		61/34
496	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/20
		61/34
		71/00
497	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/26
		61/34
498	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/24
		61/34
499	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		61/20
		61/34
		81/00
500	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 525—Con.		
		61/20
		61/34
501	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
501.5	C 08 G	8/32
	C 08 L	61/00
		91/00
502	C 08 F	283/00
	C 08 G	8/30
503	C 08 G	8/28
504	C 08 G	8/28
	C 08 L	
		61/00
		61/06
505	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		81/00
506	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/06
		85/04
507	C 08 F	283/00
	C 08 G	8/28
	C 08 L	
		61/00
		61/06
508	C 08 F	283/00
	C 08 G	8/28
	C 08 L	
		61/00
509	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
510–512	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
		63/00
513	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
		63/00
		81/00
514	C 08 F	283/00
	C 08 G	8/28
	C 08 L	
515–517	C 08 F	283/00
	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
517.5	C 08 G	12/40
	C 08 L	61/20
		91/00
518	C 08 F	283/00
	C 08 G	8/30
519	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
520	C 08 G	8/28
	C 08 L	61/00
		61/20
		61/34
		75/00
521	C 08 F	283/00
	C 08 G	6/02
	C 08 L	61/02
522	C 08 F	283/00
	C 08 G	6/02
	C 08 L	61/02
		63/00
523–527	C 08 F	283/00
		283/00
	C 08 G	59/14
	C 08 L	63/00
528	C 08 F	283/00
		283/10
	C 08 G	59/14
	C 08 L	63/00
		75/00
529, 530	C 08 F	283/00
		283/10
531	C 08 F	283/00
		283/10
	C 08 G	59/16
532	C 08 F	283/00
		283/10
	C 08 G	59/14
533	C 08 G	59/14
		59/16
	C 08 L	63/00
534	C 08 F	283/00
	C 08 G	
	C 08 L	283/12
535–537	C 08 F	283/00
	C 08 G	75/00
	C 08 L	81/00
538	C 08 F	283/00
	C 08 G	79/02
	C 08 L	85/02
539	C 08 F	283/00
	C 08 G	
	C 08 L	283/12
540	C 08 F	283/00
	C 08 G	
	C 08 L	283/12

U.S. Class 526

Synthetic resins

(IPC C 08 F)

U.S. Subclass	IPC Subclass	IPC Notation
59–72	C 08 F	2/00
		2/00
	C 08 G	85/00
73–81	C 08 F	2/00
82–85	C 08 F	2/38
86–88	C 08 F	2/00
89	C 08 F	2/00
		4/00
90	C 08 F	4/06
		4/40
		4/42
91	C 08 F	4/04
		4/40
		4/42
92	C 08 F	4/42
93, 94	C 08 F	4/06
		4/40
		4/42
95, 96	C 08 F	4/06
		4/42
97	C 08 F	4/44
98	C 08 F	4/06
		4/44
99, 100	C 08 F	4/06
101, 102	C 08 F	4/06
		4/44
103	C 08 F	4/26
104	C 08 F	4/24
105	C 08 F	4/62
106	C 08 F	4/24
107	C 08 F	4/18
108, 109	C 08 F	4/72
110, 111	C 08 F	4/44
		4/72
112	C 08 F	4/72
113	C 08 F	4/06
		4/72
114	C 08 F	4/44
115	C 08 F	4/70
116	C 08 F	4/68
117	C 08 F	4/70
118	C 08 F	4/06
		4/44
		4/72
119	C 08 F	4/44
120	C 08 F	4/06
121, 122	C 08 F	4/44
123	C 08 F	4/06
124, 125	C 08 F	4/44
126	C 08 F	4/06
		4/42
127–129	C 08 F	4/44
130, 131	C 08 F	4/06
132–134	C 08 F	4/44
135	C 08 F	4/06
136–144	C 08 F	4/44
145–147	C 08 F	4/06
148–153	C 08 F	4/44
154	C 08 F	4/06
155–157	C 08 F	4/44
158	C 08 F	4/64
159–168	C 08 F	4/44
169	C 08 F	4/64
169.1	C 08 F	4/70
169.2	C 08 F	4/68
169.3	C 08 F	4/60
170	C 08 F	4/72
171	C 08 F	4/80
172	C 08 F	4/06
173	C 08 F	4/46
174, 175	C 08 F	4/56
176	C 08 F	4/44
177	C 08 F	4/52
178	C 08 F	4/52
		4/58
179–182	C 08 F	4/46
183, 184	C 08 F	4/44
185–187	C 08 F	4/52
188	C 08 F	4/44
189	C 08 F	4/52
190, 191	C 08 F	4/44
192	C 08 F	4/06
193	C 08 F	2/00
		4/00
194	C 08 F	2/00
		4/00
		4/16
195	C 08 F	4/12
196–198	C 08 F	4/52
199–203	C 08 F	2/00
204, 205	C 08 F	2/00
		4/00
206–216	C 08 F	2/00
217	C 08 F	2/00
		4/00
218.1	C 08 F	4/04
219	C 08 F	4/04
219.1–219.3	C 08 F	2/00
		2/04
		2/06
		2/08
		4/04
219.4	C 08 F	2/06
		4/04
		4/04
219.5	C 08 F	2/16
		2/18
		2/18
		2/22
219.6	C 08 F	4/04
220	C 08 F	2/00
		4/00
221	C 08 F	4/06
222	C 08 F	2/00
		4/00
223	C 08 F	2/00
		4/00
		4/32
224, 225	C 08 F	2/00
		4/00
226	C 08 F	4/12
227	C 08 F	4/28
228	C 08 F	4/38
229	C 08 F	4/30
229.5	C 08 F	4/30
230–232	C 08 F	4/32
232.1	C 08 F	4/34
232.3	C 08 F	4/36
232.5	C 08 F	4/32
233, 234	C 08 F	2/00
		4/00
235	C 08 F	4/00
236	C 08 F	2/00
		4/00
237	C 08 F	4/00
		4/14
238	C 08 F	4/00
		4/14
238.1	C 08 H	1/00
238.2	C 08 F	
238.21–23823	C 08 F	
238.3	C 08 F	
	C 09 F	1/00
239	C 08 F	30/06
		130/06
		230/06
240, 241	C 08 F	30/04
		130/04
		230/04
242	C 08 F	12/20
		14/18
		114/18
		212/20
		214/18
243	C 08 F	12/30
		14/18
		112/30
		114/18
		212/18
		212/30
244	C 08 F	12/22
		14/18
		112/22
		114/18
		212/18
		212/22
245, 246	C 08 F	18/20
245	C 08 F	20/22
		118/20
		120/22
		218/20
		220/22
247	C 08 F	16/24
		116/24
		216/24
248	C 08 F	26/00
		126/00
		226/00
249	C 08 F	12/20
		14/18
		112/20
		114/18
		212/20
		214/18
250	C 08 F	14/18
		114/18
		214/18
251	C 08 F	12/18
		112/18
		212/18
252	C 08 F	36/16
		136/16
		236/16
253–255	C 08 F	14/18
		114/18
		214/18
256, 257	C 08 F	28/06
256	C 08 F	34/04
		128/06
		134/04
		228/06
		234/04
258	C 08 F	26/06
		126/06
		226/06
259	C 08 F	26/06
		32/08
		126/06
		132/08
		226/06
		232/08
260, 261	C 08 F	26/06
		126/06
		226/06
262	C 08 F	22/40
		26/06
		122/40
		126/06
		222/40
		226/06
263, 264	C 08 F	26/08
		26/10
263	C 08 F	26/12
		126/08
		126/10
		126/12
		226/08
		226/10
		226/12
265	C 08 F	26/06
		126/06
		226/06
266	C 08 F	24/00
		34/02
		124/00
		134/02
		224/00
		234/02
267	C 08 F	244/00
268, 270	C 08 F	24/00
		34/02
		124/00
		134/02
		224/00
		234/02
269	C 08 F	24/00
		34/02
		124/00
		134/02
		224/00
		234/02
271	C 08 F	34/02
		122/04
		222/04
272	C 08 F	222/04
273	C 08 F	24/00
		124/00
		224/00
274–278	C 08 F	30/02
		130/02
		230/02
279	C 08 F	30/08
		130/08
		230/08
280, 281	C 08 F	10/00
		32/08
		36/00
		100/00
		132/08
		136/00
		200/00
		232/08
		236/00
282	C 08 F	10/00
		36/00
		100/00
		136/00
		200/00
		236/00
283	C 08 F	36/00
		136/00
		236/00
284	C 08 F	10/00
		36/00
		100/00
		136/00
		200/00
		236/00
285	C 08 F	38/00
		138/00
		238/00
286, 287	C 08 F	12/30
		28/02
		112/30
		128/02
		212/30
		228/02
288	C 08 F	12/30
		26/02
		28/02
		112/30
		126/02
		128/02
		212/30

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 526—Con.		
		226/02
		228/02
289	C 08 F	12/30
		28/02
		112/30
		128/02
		212/30
		228/02
290	C 08 F	10/00
		12/00
		36/00
		110/00
		120/00
		136/00
		210/00
		220/00
		236/00
	C 08 H	5/00
291	C 08 F	14/14
		14/16
		114/14
		114/16
		214/14
		214/16
292.1–292.9	C 08 F	18/00
		20/00
292.95	C 08 F	22/00
		118/00
		120/00
		122/00
		218/00
		220/00
		222/00
293	C 08 F	12/16
		112/16
		212/16
294	C 08 F	14/14
		14/16
		34/00
		114/14
		114/16
		134/00
		214/14
		214/16
		234/00
295	C 08 F	34/00
		134/00
		234/00
296	C 08 F	14/04
		14/16
		114/04
		114/16
		214/04
		214/16
297	C 08 F	20/42
		20/70
		22/30
		120/42
		120/70
		122/30
		220/42
		220/70
		222/30
298	C 08 F	20/42
		20/52
		20/70
		22/30
		22/36
		120/42
		120/52
		120/70
		122/30
		122/36
		220/42
		220/52
		220/70
		222/30
		222/36
299	C 08 F	12/26
		20/42
		20/70
		22/30
		112/26
		120/42
		120/70
		122/30
		220/42
		220/70
		222/30
		222/36
300	C 08 F	20/42
		20/70
		22/30
		120/42
		120/70
		122/30
		220/42
		220/70
		222/30
301, 302	C 08 F	26/02
		126/02
		226/02
303.1	C 08 F	20/54
		20/56
		20/70
		22/38
		26/00
		120/54
		120/56
		120/70
		220/54
		220/70
		222/38
		226/02
		236/00
		236/00
304	C 08 F	20/58
		20/70
		22/38
		120/58
		120/70
		122/38
		220/58
		220/70
		222/38
305, 306	C 08 F	20/54
		20/60
		20/70
		20/70
		22/38
		120/54
		120/70
		122/38
		220/54
		220/70
		222/38
307	C 08 F	20/60
		20/70
		22/38
		120/60
		120/70
		122/38
		220/60
		220/70
		222/38
307.1	C 08 F	20/54
		20/70
		26/02
		120/54
		120/70
		126/02
		136/00
		136/02
		136/22
		220/54
		220/70
		226/02
		236/00
		236/02
		236/22
307.2, 307.3	C 08 F	226/02
		236/02
		236/22
307.4	C 08 F	212/00
		216/00
		218/00
		220/54
		220/70
307.5	C 08 F	212/00
		216/02
		216/12
		218/00
		220/26
		222/00
		222/02
		222/32
		226/00
		226/02
		236/00
		236/02
		236/22
307.6	C 08 F	226/02
		236/00
		236/02
		236/22
307.7	C 08 F	218/00
		218/02
		218/14
307.8	C 08 F	212/00
		212/02
		212/34
		226/02
308, 309	C 08 F	32/00
		132/00
		232/00
310	C 08 F	12/28
		20/52
		20/70
		22/40
		112/28
		120/52
		120/70
		122/40
		212/28
		220/52
		220/701
		222/40
311	C 08 F	20/34
		20/68
		22/32
		26/00
		120/34
		120/68
		122/32
		126/00
		220/34
		220/68
		222/32
		226/00
312	C 08 F	26/00
		126/00
		226/00
313	C 08 F	12/24
		16/12
		112/24
		116/12
		212/24
		216/12
314	C 08 F	18/24
		118/24
		218/24
315	C 08 F	16/34
		116/34
		216/34
316	C 08 F	16/36
		116/36
		216/36
317	C 08 F	20/04
		20/64
		22/02
		120/04
		120/64
		122/02
		220/04
		220/64
		222/02
318	C 08 F	20/10
		20/68
		22/10
		120/10
		120/68
		122/10
		220/10
		220/68
		222/10
319	C 08 F	118/02
320	C 08 F	18/00
		20/26
		20/68
		22/10
		118/00
		120/26
		120/68
		122/10
		218/00
		220/26
		220/68
		222/68
321	C 08 F	22/10
		122/10
		222/10
322	C 08 F	18/16
		22/26
		118/16
		122/26
		218/16
		222/26
323	C 08 F	22/26
		122/26
		222/26
323.1, 323.2	C 08 F	20/10
		120/10
		220/10
324, 325	C 08 F	222/10
326	C 08 F	18/16
		20/10
		20/68
		118/16
		120/10
		120/68
		218/16
		220/10
		220/68
327	C 08 F	20/40
		20/68
		120/40
		120/68
		220/40
		220/68
328	C 08 F	20/10
		120/10
		220/10
328.5	C 08 F	220/10
329	C 08 F	220/10
329.1–329.6	C 08 F	220/12
		220/18
329.7	C 08 F	120/18
330, 331	C 08 F	218/02
332, 333	C 08 F	16/12
		116/12
		216/12
334	C 08 F	16/16
		16/32
		116/16
		116/32
		216/16
		216/32
335	C 08 F	36/00
		136/00
336	C 08 F	12/34
		36/20
		112/34
		136/20
		212/34
		236/20
337–340	C 08 F	236/00
340.1	C 08 F	136/00
		136/00
340.2	C 08 F	136/08
340.3	C 08 F	136/02
340.4	C 08 F	136/06
341	C 08 F	20/44
		120/44
342	C 08 F	220/44
343	C 08 F	14/08
		114/08
		214/08
344	C 08 F	14/06
344.1–344.3	C 08 F	114/06
345	C 08 F	214/06
346	C 08 F	12/02
		112/02
347	C 08 F	212/06
347.1	C 08 F	112/06
		112/12
347.2	C 08 F	112/08
348	C 08 F	210/00
348.1	C 08 F	10/00
		110/00
		210/00
348.2–348.5	C 08 F	10/14
		110/14
		210/14
348.6	C 08 F	10/04
		10/14
		110/04
		110/14
		210/04
		210/14
348.7	C 08 F	10/00
		110/10
		210/10
348.8	C 08 F	210/02
		210/06
351	C 08 F	110/06
352	C 08 F	110/02
352.2	C 08 F	110/02

U.S. Class 527

Synthetic resins

(IPC C 08)

U.S. Subclass	IPC Subclass	IPC Notation
100	C 08 G	
	C 08 H	
100–102	C 08 H	1/06
103–105	C 08 H	5/04
200–204	C 08 H	
205–206	C 08 H	1/02
207	C 08 H	
300	C 08 G	
301	C 08 G	18/00
302	C 08 G	18/48
303	C 08 G	
304–305	C 08 G	16/00
306–309	C 08 G	
310	C 08 G	79/00
311	C 08 G	63/00
312–315	C 08 G	
400	C 08 G	
	C 08 H	5/02
401	C 08 G	18/00
		59/00
	C 08 H	5/02
403	C 08 G	
	C 08 H	5/02
500	C 08 G	
	C 08 H	5/00
501	C 08 G	18/00
		59/00
	C 08 H	5/00
503	C 08 G	
	C 08 H	5/00
600	C 09 F	1/00
601	C 08 G	59/00
	C 09 F	1/00
602–603	C 08 G	8/34
	C 09 F	1/00
604	C 08 G	63/00
	C 09 F	1/00

U.S. Class 528

Synthetic resins

(IPC C 08 G)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 08 G	83/00
2	C 08 G	75/00
3	C 08 G	2/00
4	C 08 G	79/08
5	C 08 G	77/56
		79/08
6–8	C 08 G	79/08
9	C 08 G	79/00
10	C 08 G	77/00
12–24	C 08 G	77/06
25–29	C 08 G	77/04
26.5	C 08 G	77/00
	C 08 L	91/00
30	C 08 G	77/22
31	C 08 G	77/12
32	C 08 G	77/20
33, 34	C 08 G	77/04
35	C 08 G	77/60
36	C 08 G	77/24

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 528—Con.		
37	C 08 G	77/04
38	C 08 G	77/26
39–41	C 08 G	77/00
42	C 08 G	77/24
43	C 08 G	77/00
44	C 08 G	18/00
45	C 08 G	18/81
48–50	C 08 G	18/08
		18/16
51	C 08 G	18/08
		18/22
52	C 08 G	18/08
		18/16
		18/18
53	C 08 G	18/08
		18/18
54	C 08 G	18/08
		18/20
55–57	C 08 G	18/08
		18/22
58	C 08 G	18/08
		18/24
59	C 08 G	18/10
60	C 08 G	18/10
		18/30
61	C 08 G	18/10
		18/32
62–64	C 08 G	18/10
		18/32
		18/60
65, 66	C 08 G	18/10
		18/32
		18/38
		18/60
67	C 08 G	18/70
68	C 08 G	18/32
		18/60
69	C 08 G	18/71
70–72	C 08 G	18/28
		18/70
73	C 08 G	18/28
		18/77
74	C 08 G	18/28
		18/70
74.5	C 08 G	18/00
	C 08 L	91/00
75	C 08 G	18/10
		18/67
76	C 08 G	18/30
		18/38
		18/48
		18/52
77	C 08 G	18/32
		18/38
		18/48
		18/52
78, 79	C 08 G	18/38
		18/48
		18/52
80, 81	C 08 G	18/34
		18/42
		18/68
82	C 08 G	18/38
		18/42
		18/68
83	C 08 G	18/30
		18/42
		18/68
84	C 08 G	18/34
		18/42
		18/68
85	C 08 G	18/32
		18/38
		18/40
86	C 08 G	
87	C 08 G	59/00
		65/08
		65/14
88–95	C 08 G	59/68
		65/10
96	C 08 G	59/00
		65/08
		65/14
97–100	C 08 G	59/00
		65/08
		65/14
101	C 08 G	59/00
		65/14
102–104	C 08 G	59/00
		65/08
		65/14
103.5	C 08 G	59/00
105	C 08 G	65/08
106–109	C 08 G	59/40
		65/00
110, 111	C 08 G	59/40
		59/62
		65/00
111.3	C 08 G	59/42
111.5	C 08 G	59/16
	C 08 L	91/00
112–115	C 08 G	59/40
		59/42
		65/00
116–118	C 08 G	59/40
		65/00
119–124	C 08 G	59/44
		59/50
		65/00
125, 126	C 08 G	8/02
		14/00
127	C 08 G	8/26
128	C 08 G	8/02
129	C 08 G	8/04
		14/02
137–147	C 08 G	8/04
		14/02
148	C 08 G	8/04
		8/18
		14/04
149	C 08 G	8/04
		8/16
		14/04
150	C 08 G	8/04
		14/04
151	C 08 G	8/04
		8/14
		14/04
152–154	C 08 G	8/04
		14/04
155	C 08 G	8/04
		8/20
		8/22
		14/04
156–161	C 08 G	8/04
		14/04
158.5	C 08 G	8/32
162	C 08 G	8/04
		14/06
163	C 08 G	8/04
		14/06
		14/10
164	C 08 G	8/04
		14/06
		14/08
165	C 08 G	8/04
166	C 08 G	79/00
192	C 08 G	63/02
		63/54
193–195	C 08 G	63/02
		63/18
196	C 08 G	63/62
198–201	C 08 G	63/62
202	C 08 G	63/68
203	C 08 G	69/00
204	C 08 G	63/62
205	C 08 G	63/38
206	C 08 G	63/06
		65/38
207, 208	C 08 G	63/06
209	C 08 G	63/06
		63/12
210	C 08 G	65/38
211	C 08 G	65/40
212	C 08 G	65/38
214–219	C 08 G	65/38
220	C 08 G	2/00
		4/00
		6/00
		10/00
		12/00
		14/00
		16/00
		75/00
225–225	C 08 G	2/00
		4/00
		6/00
		10/00
		12/00
		14/00
		16/00
226	C 08 G	2/00
		4/00
		6/00
		10/00
		12/00
		16/00
		75/00
227	C 08 G	2/18
		6/02
228, 229	C 08 G	12/00
230	C 08 G	2/00
		4/00
		6/00
		10/00
		12/00
		14/00
		16/00
232–243	C 08 G	4/00
		6/00
		10/02
		12/02
		14/02
		16/02
		20/00
244	C 08 G	10/02
		79/02
245	C 08 G	2/00
		4/00
		6/00
		10/02
		12/02
		14/02
		16/02
245.3	C 08 G	16/00
245.5	C 08 G	4/00
		12/40
	C 08 L	91/00
246	C 08 G	2/00
		2/26
		6/00
		10/02
		12/02
		14/02
		16/02
247	C 08 G	10/02
		16/02
248	C 08 G	2/00
		12/02
		75/00
249	C 08 G	12/26
		65/02
250	C 08 G	2/22
		59/00
251	C 08 G	16/02
		75/00
252	C 08 G	12/28
253	C 08 G	2/00
		12/02
		75/00
254	C 08 G	12/30
255	C 08 G	12/30
		75/00
256, 257	C 08 G	12/34
258	C 08 G	12/30
259–264	C 08 G	12/12
265	C 08 G	12/20
		12/24
		16/02
		75/00
266	C 08 G	12/04
267	C 08 G	16/02
		69/38
268	C 08 G	12/14
269	C 08 G	12/06
270	C 08 G	2/00
		6/00
271	C 08 G	63/00
		67/00
		69/00
272	C 08 G	63/02
274	C 08 G	63/04
		63/22
275–278	C 08 G	63/04
		63/30
279	C 08 G	63/04
		63/34
280, 281	C 08 G	63/04
		63/30
282	C 08 G	63/04
		63/32
283	C 08 G	63/04
		63/34
		63/36
284, 285	C 08 G	63/04
		63/34
286	C 08 G	63/04
		63/38
287	C 08 G	63/68
		79/02
288	C 08 G	63/44
		69/00
		69/44
289	C 08 G	69/44
		73/16
290	C 08 G	63/68
		69/00
		69/44
		75/00
291	C 08 G	69/44
292	C 08 G	69/08
		69/44
293–295	C 08 G	63/68
		75/00
295.3	C 08 G	63/54
295.5	C 08 G	63/48
296	C 08 G	63/12
297	C 08 G	63/42
298	C 08 G	63/02
		63/18
299	C 08 G	63/68
300, 301	C 08 G	63/66
302	C 08 G	63/16
303	C 08 G	63/52
304	C 08 G	63/54
305	C 08 G	63/18
306	C 08 G	63/52
308, 309	C 08 G	63/02
		63/18
308.1–309.1	C 08 G	63/00
		63/16
		63/18
310	C 08 G	69/08
		73/10
312–320	C 08 G	69/08
		73/10
321	C 08 G	69/08
		73/10
		75/00
322	C 08 G	73/10
323–326	C 08 G	69/14
327–326	C 08 G	69/08
328	C 08 G	69/10
329	C 08 G	69/36
330, 331	C 08 G	69/08
332	C 08 G	69/26
335	C 08 G	69/26
336	C 08 G	69/28
337	C 08 G	69/42
		75/00
		79/02
338–344	C 08 G	69/26
339.3	C 08 G	69/34
339.5	C 08 G	69/00
345	C 08 G	69/26
		69/34
346–350	C 08 G	69/26
351	C 08 G	69/28
352	C 08 G	69/42
		75/00
		79/02
353	C 08 G	69/26
354	C 08 G	63/08
355–358	C 08 G	63/10
359	C 08 G	63/08
360	C 08 G	63/68
		75/00
361	C 08 G	63/06
		63/66
		65/02
362	C 08 G	63/44
363	C 08 G	63/44
		73/00
364	C 08 G	63/68
		75/00
365	C 08 G	59/00
		63/00
366	C 08 G	63/00
367–369	C 08 G	73/00
370–372	C 08 G	63/62
373	C 08 G	75/00
374–376	C 08 G	75/04
377–379	C 08 G	75/00
		75/32
380, 381	C 08 G	75/00
382–386	C 08 G	75/20
387–389	C 08 G	75/14
390	C 08 G	75/00
		75/26
		75/28
391	C 08 G	75/18
		75/20
		75/24
		75/30
392	C 08 G	67/02
393	C 08 G	65/02
		67/00
394	C 08 G	79/08
395	C 08 G	79/00
396, 397	C 08 G	61/00
398–400	C 08 G	79/02
401	C 08 G	73/24
402	C 08 G	65/22
403	C 08 G	59/00
		65/00
405–407	C 08 G	59/00
		65/00
408–416	C 08 G	59/68
		65/04
418	C 08 G	59/00
419–421	C 08 G	65/04
422	C 08 G	73/00
423, 424	C 08 G	73/06
425	C 08 G	65/34
480–503	C 08 F	6/00
	C 08 G	
	C 08 J	3/00
950	C 08 F	
	C 08 G	

U.S. Class 536

Organic compounds

(IPC C 08 B)

U.S. Subclass	IPC Subclass	IPC Notation
1.1	C 07 H	1/00
		3/00
	C 08 B	37/00
	C 13 K	
2	C 08 B	37/06
3	C 08 B	37/04
4.1	C 07 G	3/00
		11/00
	C 07 H	15/00
		17/00
4.4	C 07 G	3/00
	C 07 H	15/24
5, 6	C 07 J	
6.1–6.3	C 07 H	15/24
	C 07 J	17/00
6.4	C 07 H	15/24
6.5	C 07 H	17/08
7.1–7.5	C 07 H	17/08
8	C 07 H	15/00
		17/00
8.8	C 07 H	17/06

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 536—Con.		
13	C 07 H	17/06
13.1	C 07 H	15/20
13.2–13.9	C 07 H	15/20
		15/22
14–16	C 07 H	15/22
16.1	C 07 H	17/04
16.2–16.5	C 07 H	15/16
16.6	C 07 H	15/20
		15/22
16.7	C 07 H	17/04
16.8–16.9	C 07 G	11/00
	C 07 H	15/00
		17/00
17.1	C 07 H	15/00
		17/00
		23/00
17.2–17.9	C 07 H	15/00
		17/00
		17/02
18.1	C 07 H	15/24
18.2	C 07 H	15/00
		15/06
18.3	C 07 H	15/00
		15/08
18.4	C 07 H	15/00
18.5, 18.6	C 07 G	3/00
	C 07 H	15/00
		17/00
18.7	C 07 H	5/04
		5/06
	C 08 B	37/00
20	C 08 B	37/08
21	C 08 B	37/10
22	C 07 H	19/00
		21/00
23, 24	C 07 H	17/00
25	C 07 H	23/00
26	C 07 H	19/06
27–29	C 07 H	15/12
		17/00
30, 31	C 08 B	
32–34	C 08 B	3/00
		5/00
35	C 08 B	5/02
36	C 08 B	3/00
		5/02
		7/00
37	C 08 B	1/04
38–40	C 08 B	5/04
41	C 08 B	5/04
		5/10
42	C 08 B	5/08
43	C 08 B	11/00
44	C 08 B	11/193
45	C 08 B	31/00
		33/00
		35/00
46	C 08 B	30/18
		37/16
47	C 08 B	31/00
		33/00
		35/00
48	C 08 B	31/02
		33/02
		35/02
49	C 08 B	31/02
		31/16
		33/02
		33/06
		35/02
		35/06
50	C 08 B	31/08
		33/04
		35/04
51	C 08 B	37/02
52	C 07 G	17/00
	C 08 B	37/00
53–55	C 07 G	
	C 07 H	
	C 08 B	37/00
55.1–55.3	C 07 H	5/04
		5/06
	C 08 B	37/00
56	C 08 B	
57	C 08 B	16/00
58–59	C 08 B	3/00
		5/00
		7/00
		13/00
60, 61	C 08 B	9/00
62	C 08 B	3/00
		5/00
		7/00
		13/00
63	C 08 B	3/00
64, 65	C 08 B	3/16
66	C 08 B	13/00
67	C 08 B	3/04
68	C 08 B	3/08
69	C 08 B	3/06
70–75	C 08 B	1/02
76–80	C 08 B	3/22
81	C 08 B	3/30
82	C 08 B	3/22
83	C 08 B	3/06
84	C 08 B	11/00
85–89	C 08 B	11/20
90, 91	C 08 B	11/193
92	C 08 B	11/00
93	C 08 B	11/187
94	C 08 B	11/16
95, 96	C 08 B	11/08
97, 98	C 08 B	11/12
99, 100	C 08 B	11/02
101	C 08 B	15/05
102	C 08 B	31/00
		33/00
		35/00
103	C 08 B	37/16
104	C 08 B	35/00
105	C 08 B	31/18
		33/08
		35/08
106	C 08 B	31/00
		33/00
		35/00
107	C 08 B	31/02
		33/02
		35/02
108	C 08 B	31/02
		31/16
		33/02
		33/06
		35/02
		35/06
109, 110	C 08 B	31/02
		33/02
		35/02
111	C 08 B	31/08
		33/04
		35/04
112, 113	C 08 B	37/02
114	C 07 G	17/001
	C 08 B	37/00
115	C 07 H	11/00
116	C 07 H	15/04
117	C 07 H	11/04
		13/00
118	C 07 H	11/00
		13/12
119	C 07 H	13/02
120	C 07 H	15/04
121	C 07 H	23/00
122	C 07 H	
123–126	C 07 G	17/00
	C 07 H	1/00
		3/00
	C 08 B	37/00
	C 13 K	
127, 128	C 07 H	1/06
		1/08

U.S. Class 542

Organic compounds

(IPC C 09 B)

U.S. Subclass	IPC Subclass	IPC Notation
400–405	C 07 D	
	C 09 B	23/00
		55/00
406–410	C 07 D	
	C 09 B	23/16
		55/00
411	C 07 D	
	C 09 B	23/10
412	C 07 D	
	C 09 B	23/00
		55/00
413–427	C 07 D	
	C 09 B	23/16
		55/00
428–452	C 07 D	
	C 09 B	23/00
		55/00
453	C 07 D	
	C 09 B	23/10
454–459	C 07 D	
	C 09 B	23/14
460, 461	C 07 D	251/00
		253/00
	C 09 B	23/14
462, 463	C 07 D	249/00
	C 09 B	23/14
464	C 07 D	
	C 09 B	23/14
465–467	C 07 D	
	C 09 B	23/10
468–472	C 07 D	
	C 09 B	23/06
473	C 07 D	
	C 09 B	23/06
		23/12
474, 475	C 07 D	
	C 09 B	23/06
476	C 07 D	
	C 09 B	23/08
		23/10
		23/12

U.S. Class 544

Organic compounds

(IPC C 07 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07 D	
2	C 07 D	291/00
3	C 07 D	279/00
		285/00
		295/00
4	C 07 D	279/00
		285/00
		295/00
	C 07 F	
5	C 07 D	279/00
		285/00
6	C 07 D	279/00
		285/00
		295/00
7, 8	C 07 D	285/16
9	C 07 D	285/16
		285/18
		285/34
10, 11	C 07 D	285/16
		285/22
		285/34
12	C 07 D	285/22
13	C 07 D	285/22
		285/26
14	C 07 D	279/00
		285/00
		295/00
		419/00
		513/00
15–17	C 07 D	501/00
18	C 07 D	501/02
		501/10
19	C 07 D	501/18
20	C 07 D	501/12
21–28	C 07 D	501/00
		501/14
29, 30	C 07 D	501/00
31	C 07 D	279/36
		513/00
32	C 07 D	279/02
		279/08
		279/14
		513/00
33	C 07 D	279/02
		513/00
34	C 07 D	513/00
35–37	C 07 D	279/18
38	C 07 D	279/22
39, 40	C 07 D	279/18
41	C 07 D	279/24
42–46	C 07 D	417/00
47	C 07 D	279/02
		279/08
		279/14
		513/00
48	C 07 D	513/00
49–52	C 07 D	279/16
53, 54	C 07 D	279/04
		279/06
55	C 07 D	417/00
56–58.7	C 07 D	279/10
		279/12
		295/00
59	C 07 D	279/12
		295/00
60–62	C 07 D	417/00
6362	C 07 D	265/00
		273/00
		295/00
64	C 07 F	
65	C 07 D	273/00
66	C 07 D	273/00
		273/04
67, 68	C 07 D	273/04
69	C 07 F	
7068	C 07 D	265/00
70	C 07 D	273/00
		295/00
71	C 07 D	265/00
		273/12
		295/00
72	C 07 D	265/00
		273/00
		295/00
		498/00
73	C 07 D	265/02
		265/12
		265/28
		498/00
74–77	C 07 D	498/00
78, 79	C 07 D	265/30
		295/00
80–83	C 07 D	413/00
84	C 07 D	265/30
		295/00
85	C 07 D	265/30
		295/08
		295/10
86	C 07 D	265/30
		295/12
87	C 07 D	265/32
88	C 07 D	265/04
89, 90	C 07 D	265/12
		498/00
91	C 07 D	498/00
92, 93	C 07 D	265/12
94	C 07 D	265/26
95	C 07 D	498/00
96	C 07 D	413/00
97	C 07 D	413/12
98	C 07 D	265/28
		295/00
99	C 07 D	265/34
		498/00
100	C 07 D	265/34
101	C 07 D	265/34
		498/02
		498/12
102–104	C 07 D	265/38
105	C 07 D	265/36
		498/02
106	C 07 D	265/30
		295/00
107	C 07 D	265/30
		295/02
108–110	C 07 D	295/00
111–132	C 07 D	413/00
133	C 07 D	415/00
		417/00
134–136	C 07 D	417/00
137	C 07 D	413/00
		419/00
138–153	C 07 D	413/00
154–156	C 07 D	265/30
		295/00
157	C 07 D	265/30
		295/00
		295/22
158	C 07 D	265/30
		295/00
		295/08
		295/10
		295/22
159, 160	C 07 D	265/30
		295/00
		295/12
		295/22
161	C 07 D	265/30
		295/00
		295/10
		295/22
162	C 07 D	265/30
		295/06
		295/12
		295/22
163	C 07 D	265/30
		295/14
164	C 07 D	265/30
		295/22
165, 166	C 07 D	265/30
		295/12
		295/22
167	C 07 D	265/30
		295/06
168, 169	C 07 D	265/30
		295/18
170	C 07 D	265/30
		265/32
		295/08
		295/10
171	C 07 D	265/30
		295/18
172	C 07 D	265/30
		295/10
		295/18
173	C 07 D	265/30
		265/32
		295/22
174	C 07 D	265/30
		265/32
		295/10
		295/22
175	C 07 D	265/30
		295/10
		295/18
176	C 07 D	265/30
177	C 07 D	265/30
		265/32
		295/12
178	C 07 D	265/30
		295/02
179	C 07 D	257/08
		257/12
180	C 07 D	251/00
		253/00
181	C 07 F	
182	C 07 D	253/00
183	C 07 D	253/08
		487/00
184	C 07 D	487/00
185, 186	C 07 D	487/12
187	C 07 D	251/00
188	C 07 D	403/00
189	C 07 D	251/00
		251/38
190, 191	C 07 D	251/28
192, 193	C 07 D	251/32
194, 195	C 07 D	251/00
		251/40
196	C 07 D	251/00
		251/54
197	C 07 D	251/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 544—Con.		
		251/54
		403/00
198	C 07 0	403/00
199	C 07 D	251/00
		251/40
200	C 07 0	251/54
201	C 07 D	251/60
202	C 07 D	251/58
203	C 07 D	251/62
204	C 07 D	251/18
		251/48
205	C 07 D	251/18
206	C 07 D	251/18
		251/48
		403/00
207	C 07 0	403/00
208	C 07 D	251/18
		251/48
		403/00
209	C 07 D	403/00
210	C 07 D	251/18
		251/48
211	C 07 D	251/02
		251/42
		403/00
212	C 07 D	403/00
213	C 07 0	251/02
		251/38
214–223	C 07 0	251/00
224	C 07 0	237/00
		237/02
225	C 07 F	1/00
		1/08
		1/10
		1/12
		3/00
		3/08
		5/00
		5/06
		7/00
		7/22
		7/24
		7/28
		7/30
		9/00
		9/90
		9/94
		11/00
		13/00
		15/00
		15/02
		15/04
		15/06
		17/00
226	C 07 F	3/06
		9/66
227	C 07 F	3/10
		3/12
		3/14
228	C 07 F	3/14
229	C 07 F	5/02
		5/04
		7/02
230, 231	C 07 0	237/00
		239/00
		241/00
232	C 07 F	9/02
233	C 07 0	237/26
		487/00
234	C 07 0	237/26
		237/36
		487/00
235	C 07 0	237/26
		237/28
		487/00
236	C 07 0	487/00
237	C 07 0	237/30
238	C 07 0	401/00
		403/00
		405/00
		409/00
239–241	C 07 0	237/00
		237/02
242	C 07 0	239/00
		239/02
243, 244	C 07 F	9/02
245, 246	C 07 0	239/00
		239/70
		471/00
		487/00
247	C 07 0	239/00
		471/00
		487/00
		491/00
248, 249	C 07 D	239/00
		239/70
		471/00
		487/00
250, 251	C 07 D	239/00
		471/00
		487/00
		491/00
252	C 07 D	239/00
		239/70
		471/00
		487/00
		491/00
253	C 07 0	239/00
		239/70
254, 255	C 07 D	239/00
		471/00
		487/00
		491/00
256	C 07 D	487/00
257–261	C 07 D	475/00
262, 263	C 07 D	487/00
264–277	C 07 D	473/00
278	C 07 0	491/00
		495/00
279	C 07 D	471/00
		487/00
280, 281	C 07 D	487/00
282	C 07 D	239/70
283	C 07 D	239/72
284	C 07 D	401/00
		403/00
		413/00
		417/00
		419/00
285–293	C 07 0	239/72
294	C 07 D	239/02
295, 296	C 07 0	403/00
297–299	C 07 D	239/02
300	C 07 0	401/00
		403/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
301–309	C 07 D	239/02
310	C 07 D	401/00
		403/00
		405/00
		409/00
311–323	C 07 0	239/02
324	C 07 D	401/00
		403/00
		405/00
		409/00
325, 326	C 07 D	239/02
327	C 07 D	239/02
		415/00
328	C 07 0	401/00
		403/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
329, 330	C 07 0	239/02
331	C 07 0	401/00
		403/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
332	C 07 D	239/02
333	C 07 D	401/00
		403/00
		405/00
		409/00
		411/00
		413/00
		417/00
334, 335	C 07 0	239/02
336	C 07 D	241/00
		241/02
337	C 07 F	9/02
338–343	C 07 D	241/36
338	C 07 0	271/00
		487/00
		491/00
		495/00
		497/00
		498/00
		513/00
344	C 07 D	241/36
		471/00
		487/00
345, 346	C 07 D	471/00
		487/00
		491/00
		491/00
		495/00
		497/00
347, 348	C 07 D	241/46
349	C 07 D	241/36
		471/00
		487/00
350	C 07 D	471/00
		487/00
		491/00
351, 352	C 07 D	487/00
353–356	C 07 0	241/36
357	C 07 D	241/02
358	C 07 0	241/04
		295/00
359	C 07 D	403/00
360–363	C 07 D	401/00
364	C 07 D	401/00
		403/00
		405/00
		409/00
365	C 07 0	401/00
366	C 07 0	403/00
367, 368	C 07 0	413/00
		417/00
		419/00
369	C 07 0	413/00
		417/00
370–373	C 07 0	403/00
374	C 07 0	405/00
		409/00
		411/00
375, 376	C 07 D	405/00
		409/00
377–379	C 07 D	405/00
		409/00
		411/00
380–383	C 07 D	241/04
		295/00
384, 385	C 07 0	241/04
386–404	C 07 D	241/04
		295/00
405	C 07 0	401/00
		403/00
		405/00
		409/00
		411/00
		413/00
		417/00
406–410	C 07 D	241/02
		419/00

U.S. Class 546

Organic compounds

(IPC C 07 D)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07 D	213/00
2	C 07 F	
3	C 07 F	9/80
4–12	C 07 F	
13	C 07 F	5/02
14	C 07 F	7/02
15	C 07 D	211/00
		213/00
		215/00
		217/00
		219/00
		221/00
16	C 07 D	215/00
		217/00
		219/00
		221/00
17–18	C 07 0	401/00
		451/00
		453/00
		455/00
		471/00
19	C 07 D	491/10
		491/20
		495/10
		495/20
		497/10
		497/20
20	C 07 D	471/10
		471/20
		491/10
		491/20
21	C 07 F	9/06
		9/22
		9/28
22–25	C 07 F	9/06
		9/28
26	C 07 0	221/18
		221/22
27	C 07 D	471/00
		491/00
		498/00
		513/00
		515/00
28	C 07 D	221/18
		221/22
29	C 07 D	471/00
		491/00
		498/00
		513/00
		515/00
30	C 07 D	221/18
		221/22
31, 32	C 07 D	471/00
		491/00
		498/00
		513/00
		515/00
33	C 07 0	221/18
		221/22
34–37	C 07 0	221/22
		471/00
		491/00
		498/00
		513/00
		515/00
38	C 07 0	221/18
		221/22
39	C 07 0	471/00
		489/12
		491/00
		498/00
		513/00
		515/00
40, 41	C 07 0	471/00
		491/00
		498/00
		513/00
42	C 07 D	221/18
		221/22
43	C 07 D	221/22
		471/00
		491/00
		498/00
		513/00
		515/00
44, 45	C 07 D	471/00
		489/00
		491/00
		498/00
		513/00
		515/00
46	C 07 D	471/00
		489/00
		489/08
		491/00
		498/00
		513/00
		515/00
47–49	C 07 0	471/00
		491/00
		498/00
		513/00
		515/00
50	C 07 0	459/00
		471/00
		491/00
		498/00
		513/00
		515/00
51–52	C 07 D	471/00
		491/00
		498/00
		513/00
		515/00
		519/04
53–57	C 07 0	471/00
		491/00
		498/00
		513/00
		515/00
58–60	C 07 D	221/18
		471/00
		491/00
61	C 07 0	221/18
		221/22
62–66	C 07 0	471/00
		491/00
		498/00
		513/00
		515/00
67–69	C 07 D	457/00
		471/00
		491/00
		498/00
		513/00
		515/00
70	C 07 D	471/00
		487/00
		491/00
		498/00
		513/00
		515/00
71, 72	C 07 0	221/18
		221/22
73	C 07 D	221/18
74	C 07 0	221/22
		221/28
75, 76	C 07 0	221/18
77, 78	C 07 D	221/18
		221/22
79	C 07 0	221/06
		221/22
80	C 07 0	455/04
		471/00
		491/00
		498/00
		513/00
		515/00
81, 82	C 07 0	471/00
		491/00
		498/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 546—Con.		
		513/00
		515/00
83	C 07 0	491/00
		498/00
		513/00
		515/00
84–87	C 07 0	471/00
		491/00
		498/00
		513/00
		515/00
88	C 07 0	471/04
89, 90	C 07 0	491/00
		498/00
		515/00
91	C 07 0	491/08
92	C 07 0	491/00
		498/00
		515/00
93	C 07 0	221/06
		221/16
		221/22
94	C 07 0	451/00
		453/00
		455/00
95	C 07 0	455/06
96	C 07 0	455/08
97	C 07 0	221/22
98–100	C 07 0	221/04
		471/06
		471/16
101	C 07 D	221/06
102	C 07 0	219/00
103	C 07 0	219/04
104	C 07 0	219/08
105	C 07 0	219/10
106	C 07 0	219/12
107	C 07 0	219/08
108, 109	C 07 0	221/12
110	C 07 0	221/06
111	C 07 0	221/16
112	C 07 0	221/02
113–114	C 07 0	471/02
		491/02
		498/02
		513/02
		515/02
115, 116	C 07 0	471/02
		491/02
		498/02
117–121	C 07 0	471/02
		491/02
		498/02
		513/02
		515/02
122, 123	C 07 0	471/02
124	C 07 D	451/02
125, 126	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
125–126	C 07 0	417/00
		419/00
		421/00
127–132	C 07 0	451/02
		451/04
		451/06
133	C 07 0	453/02
134–136	C 07 0	453/02
		453/04
137	C 07 0	453/02
138	C 07 0	455/02
139	C 07 0	217/00
140	C 07 0	217/00
		217/02
141, 142	C 07 0	217/22
143	C 07 0	217/00
		217/22
144	C 07 0	217/00
		217/02
145	C 07 0	217/00
		217/26
146, 147	C 07 0	217/00
		217/06
		217/12
148	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
149	C 07 0	217/18
		217/20
150	C 07 0	217/00
151	C 07 0	217/10
152	C 07 0	215/00
153	C 07 0	215/16
		215/20
		215/36
154	C 07 0	215/16
		215/20
		215/36
155–158	C 07 0	215/16
		215/20
		215/36
159	C 07 0	215/38
160, 161	C 07 0	215/38
		215/44
162, 163	C 07 0	215/38
		215/46
164, 165	C 07 0	215/00
166	C 07 0	215/02
167	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
168	C 07 0	215/12
		215/14
169	C 07 0	215/38
170	C 07 0	215/20
		215/36
171	C 07 0	215/38
172	C 07 0	215/36
173	C 07 0	215/04
		215/12
	C 09 B	25/00
174	C 07 0	215/12
		215/14
175	C 07 0	215/38
176	C 07 0	215/12
177, 178	C 07 0	215/16
179	C 07 0	215/20
		215/36
180	C 07 0	215/18
181	C 07 0	215/04
182	C 07 0	215/10
183	C 07 0	221/02
184	C 07 0	211/00
		295/00
185	C 07 0	211/02
186	C 07 0	211/00
187	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
188	C 07 0	211/36
		211/40
		211/54
189	C 07 0	211/30
		211/32
		211/60
190	C 07 0	211/30
		211/32
191	C 07 0	211/08
192	C 07 0	211/08
		401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
193, 194	C 07 0	211/68
		211/80
		213/02
195	C 07 0	211/06
		401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
196	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
197–199	C 07 0	
200	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
201	C 07 0	401/00
202	C 07 0	409/00
		411/00
		417/00
		419/00
203–206	C 07 0	211/06
207–210	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
211	C 07 0	401/00
212, 213	C 07 0	409/00
214	C 07 0	405/00
215	C 07 0	211/56
216	C 07 0	211/40
		211/54
217	C 07 0	211/44
		211/52
		211/54
218	C 07 0	211/44
219, 220	C 07 0	211/40
221	C 07 0	211/22
222	C 07 0	211/36
		211/40
		211/54
223, 224	C 07 0	211/56
		211/92
225	C 07 0	211/30
		211/32
226	C 07 0	211/06
227, 228	C 07 0	211/60
229	C 07 0	211/26
230	C 07 0	211/60
231	C 07 0	211/26
		211/28
232	C 07 0	211/18
233–235	C 07 0	211/32
236–235	C 07 0	211/20
		211/30
237–235	C 07 0	211/32
238, 239	C 07 0	211/34
240, 241	C 07 0	211/22
242, 243	C 07 0	211/36
		211/40
		211/54
244	C 07 0	211/56
		211/98
245	C 07 0	211/60
246	C 07 0	211/26
		211/34
		211/60
247	C 07 0	211/30
		211/32
248	C 07 0	211/20
		211/30
249	C 07 0	211/02
250	C 07 0	213/08
		213/14
251, 252	C 07 0	213/06
253	C 07 0	213/08
		213/08
		213/12
255	C 07 0	213/04
256	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
257	C 07 0	213/22
258, 259	C 07 0	213/22
		213/26
260	C 07 0	213/22
261	C 07 0	213/62
262	C 07 0	213/44
263	C 07 0	213/79
264	C 07 0	213/36
		213/53
		213/54
		213/72
		213/78
265	C 07 0	213/40
		213/56
		213/75
		213/81
		213/83
266	C 07 0	213/28
		213/44
		213/54
		213/62
		213/70
		213/78
267	C 07 0	213/46
		213/52
		213/54
		213/62
		213/70
		213/78
268, 269	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
270, 271	C 07 0	
272	C 07 0	401/00
		413/00
		417/00
		419/00
273	C 07 0	401/00
274	C 07 0	409/00
		411/00
		413/00
		417/00
		419/00
275, 276	C 07 0	401/00
		413/00
		417/00
		419/00
277	C 07 0	405/00
		409/00
		411/00
		413/00
		413/00
		417/00
		419/00
		421/00
278, 279	C 07 0	401/00
280	C 07 0	409/00
		411/00
		413/00
		417/00
281	C 07 0	401/00
282	C 07 0	401/04
283	C 07 0	401/00
		405/00
		409/00
		411/00
		413/00
		417/00
		419/00
		421/00
284	C 07 0	409/00
		411/00
		413/00
		417/00
285	C 07 0	211/68
		211/80
286–289	C 07 0	211/78
		211/90
		213/84
290, 291	C 07 0	211/72
		211/84
		213/63
		213/70
292	C 07 0	211/72
		211/84
		213/63
		213/70
		213/72
293	C 07 0	211/72
		211/84
		213/70
		213/72
		213/75
294, 295	C 07 0	211/72
		211/84
		213/62
296	C 07 0	211/72
		211/84
		213/69
		213/70
297	C 07 0	211/72
		211/84
		213/72
298–302	C 07 0	211/72
		211/84
		213/62
		213/78
303	C 07 0	211/72
		211/84
		213/62
304	C 07 0	211/72
		211/84
		213/72
305	C 07 0	211/72
		211/84
		213/72
		213/75
306	C 07 0	211/72
		211/84
		213/72
		213/86
		213/88
307	C 07 0	211/72
		211/84
		213/72
308, 309	C 07 D	211/72
		211/84
		213/72
		213/75
		213/81
		213/83
310	C 07 0	211/72
		211/84
		213/72
		213/78
311	C 07 D	211/72
		211/84
		213/73
312	C 07 0	211/72
		211/84
		213/72
		213/78
313	C 07 0	211/70
		211/82

U.S. Class 546—Con.

U.S. Subclass	IPC Subclass	IPC Notation
		213/52
314, 315	C 07 D	211/70
		211/82
		213/46
316, 317	C 07 D	211/72
		211/84
		213/56
318, 322	C 07 D	211/78
		211/90
		213/80
323	C 07 D	211/78
		211/90
		213/81
324	C 07 D	211/78
		211/90
		213/86
		213/88
325	C 07 D	211/78
		211/90
		213/86
		213/88
326, 327	C 07 D	211/78
		211/90
		213/79
328	C 07 D	211/70
		211/82
		213/46
329	C 07 D	211/70
		211/82
		213/26
		213/36
		213/53
		213/54
330	C 07 D	211/70
		211/82
		213/57
331	C 07 D	211/70
		211/82
		213/53
		213/54
332	C 07 D	211/70
		211/82
		213/42
		213/53
		213/58
333	C 07 D	211/70
		211/82
		213/26
		213/36
		213/53
		213/54
334	C 07 D	211/70
		211/82
		213/24
335	C 07 D	211/70
		211/82
		213/55
336–338	C 07 D	211/70
		211/82
		213/56
339	C 07 D	211/70
		211/82
		213/28
		213/44
		213/54
340	C 07 D	211/70
		211/82
		213/46
341, 342	C 07 D	211/70
		211/82
		213/55
343	C 07 D	211/70
		211/82
		213/28
		213/44
		213/54
344	C 07 D	211/70
		211/82
		213/28
345	C 07 D	211/72
		211/84
		213/61
346	C 07 D	211/72
		211/84
		213/26
347	C 07 D	211/92
		213/18
		213/20
348–353	C 07 D	211/70
		211/82
		213/06

U.S. Class 548

Organic compounds

(IPC C 07 D)

U.S. Subclass	IPC Subclass	IPC Notation
100	C 07 D	293/00
		421/00
		517/00
101	C 07 F	
102	C 07 D	231/00
		233/00
		235/00
		249/00
		261/00
		263/00
		271/00
		273/00
		275/00
		277/00
		283/00
		285/00
		291/00
		293/00
		413/00
		417/00
		419/00
		421/00
		498/00
		513/00
		515/00
		517/00
	C 07 F	9/80
103	C 07 F	
104–107	C 07 D	231/00
		233/00
		235/00
		249/00
		261/00
		263/00
		271/00
		273/00
		275/00
		277/00
		283/00
		285/00
		291/00
		293/00
		413/00
		417/00
		419/00
		421/00
		498/00
		513/00
		515/00
		517/00
108, 109	C 07 F	
110	C 07 D	231/00
		233/00
		235/00
		249/00
		261/00
		263/00
		271/00
		273/00
		275/00
		277/00
		283/00
		285/00
		291/00
		293/00
		413/00
		417/00
		419/00
		421/00
		498/00
		513/00
		515/00
		517/00
111	C 07 F	9/28
112–119	C 07 F	9/06
		9/28
120	C 07 D	293/10
		421/00
		517/00
121	C 07 D	293/10
		421/00
		517/02
122	C 07 D	291/00
		419/00
		515/00
123	C 07 D	285/00
		417/00
		513/00
124	C 07 D	273/00
		413/00
		498/00
125	C 07 D	271/02
		271/04
		271/08
		285/02
		285/04
		413/00
		417/00
		498/00
		513/00
126	C 07 D	271/12
		285/14
		413/00
		417/00
		498/00
		513/00
127	C 07 D	285/06
		285/14
		417/00
		513/00
128–130	C 07 D	285/08
		285/14
		417/00
		513/00
131–133	C 07 D	271/06
		271/12
		413/00
		498/00
134, 135	C 07 D	285/10
		285/14
		417/00
		513/00
136	C 07 D	285/12
		285/14
		417/00
		513/00
137	C 07 D	417/04
		417/14
138–142	C 07 D	285/12
		285/14
		417/00
		513/00
143–145	C 07 D	271/10
		271/12
		413/00
		498/00
146	C 07 D	277/04
		277/08
147	C 07 D	277/60
		417/00
		513/10
		513/20
		513/22
148, 149	C 07 D	277/60
		417/00
		513/04
		513/14
		513/22
150	C 07 D	277/60
		277/84
		417/00
		513/00
151	C 07 D	513/02
		513/12
		513/22
152	C 07 D	277/60
		277/62
	C 07 F	5/02
		7/02
		513/22
153, 154	C 07 D	513/02
		513/12
		513/22
155	C 07 D	513/04
156	C 07 D	277/62
157	C 07 D	277/62
		277/68
158	C 07 D	277/78
159	C 07 D	417/00
160	C 07 D	277/62
161	C 07 D	277/82
162	C 07 D	417/00
163, 164	C 07 D	277/82
165	C 07 D	277/62
		277/68
166	C 07 D	277/62
		277/68
		277/76
167, 168	C 07 D	277/62
169–177	C 07 D	277/62
		277/68
		277/80
178–180	C 07 D	277/62
181	C 07 D	417/00
182, 183	C 07 D	277/04
		277/12
		277/14
		277/16
		277/32
		277/34
		277/36
184	C 07 D	277/04
		277/18
		277/38
185	C 07 D	277/04
		277/18
		277/46
186–188	C 07 D	277/04
		277/12
		277/34
		277/36
189	C 07 D	277/04
		277/12
		277/32
190, 191	C 07 D	277/04
		277/18
		277/38
192	C 07 D	277/04
		277/18
		277/44
193	C 07 D	277/04
		277/18
		277/38
194	C 07 D	277/04
		277/18
		277/56
195, 196	C 07 D	277/04
		277/18
		277/44
197196	C 07 D	277/04
		277/18
		277/58
198, 199	C 07 D	277/04
		277/18
198	C 07 D	277/38
200	C 07 D	277/04
		277/18
		277/38
		277/56
201	C 07 D	277/04
		277/18
		277/56
202	C 07 D	277/20
203	C 07 D	277/22
204	C 07 D	277/30
205	C 07 D	277/28
206	C 07 D	275/02
		417/00
		513/00
207, 208	C 07 D	275/04
		275/06
		417/00
		513/00
209	C 07 D	275/04
		417/00
210	C 07 D	275/06
		417/00
		513/00
211	C 07 D	275/06
212	C 07 D	275/04
		417/00
		513/00
213, 214	C 07 D	275/02
		417/00
		513/00
215	C 07 D	263/02
		413/00
216	C 07 D	263/52
		413/00
		498/10
		498/20
		498/22
217	C 07 D	263/52
		263/60
		413/00
		498/00
218	C 07 D	498/00
219, 220	C 07 D	263/62
221, 222	C 07 D	263/58
		263/60
		413/00
		498/00
223	C 07 D	263/52
		413/00
		498/00
224	C 07 D	263/56
		413/00
		498/00
225	C 07 D	263/04
		263/18
		263/36
		413/00
226	C 07 D	263/04
		263/18
		263/34
		263/44
		263/46
		413/00
227	C 07 D	263/04
		263/20
		263/44
		263/46
		413/00
228	C 07 D	263/04
		263/16
		263/18
		263/42
		413/00
229	C 07 D	263/04
		263/16
		263/20
		263/38
		413/00
230	C 07 D	263/04
		263/16
		263/38
		263/48
		413/00
231, 232	C 07 D	263/04
		263/16
		263/38
		413/00
233, 234	C 07 D	263/04
		263/16
		263/34
233	C 07 D	263/48
		413/00
235	C 07 D	263/30
		413/00
236	C 07 D	263/34
		413/00
237	C 07 D	263/08
		413/00
238	C 07 D	263/10
		263/14
		413/00
239	C 07 D	263/12
		413/00
240	C 07 D	261/02
		413/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 548—Con.		
241	C 07 O	261/20
		413/00
		498/00
242	C 07 D	261/20
		498/00
243	C 07 O	261/04
		261/10
		261/12
		413/00
244	C D7 D	261/04
		261/10
		261/14
		413/00
245, 246	C D7 D	261/04
		261/14
		413/00
247	C D7 D	261/06
		413/00
248	C 07 O	261/18
		413/00
249	C D7 D	261/08
		413/00
250, 254	C D7 D	257/04
		257/10
		403/00
		487/00
255	C D7 D	249/04
		403/00
		487/00
256	C D7 D	487/00
257–261	C D7 D	249/16
		403/00
262	C 07 O	249/08
		249/16
		403/00
		487/00
263–265	C 07 O	249/12
		249/16
		403/00
		487/00
266–268	C D7 O	249/14
		249/16
		403/00
		487/00
269	C D7 D	249/08
		249/16
		403/00
		487/00
300, 301	C 07 D	233/00
302	C D7 O	235/00
303, 304	C D7 D	473/00
305	C D7 D	487/00
306	C D7 D	235/04
307, 308	C D7 O	235/30
309, 310	C D7 O	233/30
311–315	C 07 D	403/30
316	C 07 D	403/30
317	C 07 D	233/30
318	C D7 D	403/30
319–322	C D7 D	233/30
323	C D7 O	235/30
		473/30
		487/30
324	C D7 D	235/30
		487/31
325	C 07 O	235/04
326	C 07 D	235/02
		487/00
327	C 07 O	487/00
328–333	C 07 D	235/04
334	C 07 D	235/04
		487/00
335	C 07 D	233/54
336	C 07 O	403/00
337	C 07 O	233/66
338, 339	C 07 D	233/91
340	C 07 D	233/91
		403/00
341, 342	C 07 O	233/54
343	C 07 D	233/66
344	C 07 D	233/64
345	C 07 D	233/54
346	C 07 D	233/56
		403/00
347	C 07 O	233/04
348	C D7 D	403/00
349, 350	C D7 D	233/04
351	C 07 D	233/28
352–355	C D7 O	233/04
356–358	C D7 D	231/00
359	C D7 D	231/54
		487/00
360–363	C D7 O	231/00
364	C 07 D	403/00
365	C 07 O	231/00
366	C 07 O	231/08
367	C D7 D	231/00
368	C 07 O	231/08
369	C 07 O	231/54
		487/00
370	C D7 D	487/00
371	C D7 D	231/54
372	C 07 O	231/56
373	C 07 O	231/10
374	C D7 D	487/00
375, 376	C 07 O	231/14
377, 378	C 07 O	231/10
379	C D7 D	231/06
400	C 07 D	207/00
		295/00
401	C D7 O	
402–404	C D7 D	207/00
		209/00
	C 07 F	
405	C 07 O	207/00
		209/00
		295/00
	C 07 F	5/02
406	C 07 F	7/02
407	C 07 F	493/00
408	C D7 F	209/54
		209/96
409	C 07 D	209/96
		487/00
		491/00
		495/00
410	C D7 D	491/00
		495/00
411	C 07 O	209/54
		209/96
		487/00
412–415	C 07 F	9/02
		9/65
416	C D9 B	5/00
417	C D7 D	487/00
	C D9 B	3/00
		5/00
418	C D7 D	209/56
		487/00
		491/00
		495/00
419	C D7 D	209/56
		487/00
		491/00
		495/00
420	C D7 D	209/80
	C D9 B	7/00
421	C D7 D	487/00
		491/00
		495/00
		497/00
422	C D7 D	487/14
423	C 07 O	487/00
		491/00
		495/00
		497/00
424, 425	C 07 D	209/56
426	C 07 O	209/56
	C 07 J	73/00
427	C D7 D	209/56
428, 429	C D7 D	487/00
430, 431	C D7 D	491/00
430	C D7 D	495/00
		497/00
432431	C D7 D	491/052
		495/04
433	C D7 D	487/02
434	C D7 D	209/56
		209/72
435	C D7 D	209/56
		209/76
436	C 07 D	209/90
437	C 07 D	209/56
438	C D7 D	209/90
439	C 07 D	209/82
		209/94
440	C 07 O	209/82
441	C D7 D	209/82
		209/83
442, 443	C 07 O	209/88
444	C 07 D	209/82
445	C D7 D	209/86
446	C 07 O	209/84
		209/86
447	C 07 O	209/86
448	C D7 D	209/82
		209/88
		209/94
449	C 07 D	209/82
		209/94
450	C 07 O	209/56
	C 09 B	7/02
		9/04
451	C 07 O	209/56
452	C 07 O	209/02
		209/04
		209/52
453	C D7 D	487/02
		491/02
		495/02
		497/02
454	C 07 D	405/00
		409/00
		411/00
455	C D7 D	209/02
456	C 07 O	405/00
457, 458	C 09 B	7/02
459	C 09 B	7/04
460	C 07 D	209/02
461, 462	C 07 O	209/48
463	C D7 O	405/00
464	C 09 B	7/08
		9/04
465	C 07 D	209/02
		405/00
		409/00
		411/00
466	C D7 D	209/02
		405/00
		409/00
		411/00
467	C D7 D	209/02
		405/00
		409/00
		411/00
468	C 07 O	209/02
		405/00
		409/00
		411/02
469	C 07 O	209/04
470, 471	C 07 O	209/44
472	C D7 D	209/46
473–476	C D7 D	209/48
477–481	C 07 D	209/48
482	C D7 D	209/44
483	C D7 D	209/02
		209/30
		209/40
484, 485	C D7 D	209/36
486, 487	C D7 D	209/34
488	C D9 B	7/00
		9/04
489	C D7 D	209/32
490, 491	C D7 D	209/04
492	C D7 D	209/42
493	C D7 D	209/12
494	C D7 D	209/12
		209/18
495	C D7 D	209/18
496–499	C 07 D	209/20
500, 501	C 07 O	209/26
502	C 07 D	209/12
		209/18
503	C 07 D	209/04
		209/14
504	C D7 D	209/16
505	C 07 O	209/14
506	C 07 D	209/14
		209/16
507	C D7 D	209/10
508–511	C D7 D	209/04
512	C 07 D	209/32
		209/46
513	C D7 D	209/38
		209/48
514	C 07 D	209/48
515	C 07 D	209/44
		209/52
516	C 07 D	209/04
		209/52
517	C D7 O	405/00
518	C D7 D	207/00
		295/00
519	C 07 O	207/00
520	C 07 O	207/40
521, 522	C D7 D	207/452
523, 524	C 07 O	207/00
		295/00
525, 526	C 07 D	405/00
		409/00
525	C D7 D	411/00
527	C 07 O	409/00
		411/00
528, 529	C D7 D	207/00
		295/00
	C 09 B	1/00
530, 531	C D7 D	207/00
		295/00
532, 533	C 07 O	207/00
534	C D7 D	207/00
		207/28
535–537	C 07 O	207/00
538–540	C 07 D	207/00
		295/00
541	C 07 O	207/00
542	C 07 D	207/46
		207/48
		295/22
543	C D7 D	207/12
		207/24
		207/36
544	C 07 O	207/12
		207/273
		207/36
545–547	C 07 D	207/40
548–549	C 07 D	207/244
550, 551	C 07 D	207/12
		207/24
		207/36
552–555	C 07 O	207/267
556	C 07 O	207/12
		207/24
		207/36
557	C D7 D	207/10
		207/22
		207/34
		207/55
		295/22
558, 559	C D7 D	207/10
		207/22
		207/34
560–563	C D7 D	207/30
564	C D7 D	207/323
565	C D7 D	207/18
566	C D7 D	207/08
		207/10
		207/46
567, 568	C D7 D	207/08
		207/46
569	C D7 D	207/04
		295/04
570–572	C D7 O	207/04
		207/46
		295/00
573–578	C D7 D	207/04
		207/46
		295/04
579	C 07 O	207/06
		295/02

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 549		
Organic compounds		
(IPC C 07 D)		
1	C 07 D	331/02
2–4	C D7 D	327/00
		331/00
		333/00
		335/00
		337/00
		339/00
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
5	C D7 D	327/00
		331/00
		335/00
		337/00
		339/00
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
6	C 07 O	333/00
		409/00
		495/00
7	C 07 O	327/04
		327/10
		339/02
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
8	C 07 D	333/00
		409/00
		495/00
9	C 07 O	337/00
		409/00
		495/00
10	C 07 O	327/00
		343/00
		411/00
		497/00
11	C 07 D	339/00
		341/00
		409/00
		495/00
12	C D7 O	337/12
		337/16
		337/92
		409/00
		495/00
13	C D7 D	335/00
		409/00
14	C D7 D	327/06
		343/00
		411/00
15	C 07 O	327/06
		327/10
		339/08
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
16	C 07 D	327/06
		327/08
		327/10
		343/00
		411/00
		495/00
17	C D7 D	339/08
		341/00
		409/00
		495/00
18	C D7 D	327/10
		411/00

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 549—Con.		
		409/02
		409/00
19	C 07 D	341/00
		409/00
20–22	C 07 D	339/00
		409/00
23	C 07 D	335/04
		335/06
		409/00
		495/00
24, 25	C 07 D	335/04
		409/00
		495/00
26	C 07 D	335/08
		335/10
		495/00
27	C 07 D	335/08
		335/10
		495/00
28	C 07 D	335/02
		409/00
29	C 07 D	333/02
30	C 07 D	327/04
		343/00
31	C 07 D	327/04
		327/10
		339/02
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
32, 33	C 07 D	327/04
		327/10
		339/02
32;33	C 07 D	341/00
		343/00
		409/00
		411/00
		495/00
		497/00
34	C 07 D	327/10
		343/00
		411/00
35–39	C 07 D	339/02
		341/00
		409/00
40	C 07 D	327/04
		343/00
		411/00
41, 42	C 07 D	333/50
		409/00
		495/22
43–48	C 07 D	333/74
		333/76
		333/78
		409/00
		495/00
49	C 07 D	333/52
		333/72
		333/78
		409/02
50	C 07 D	495/02
51	C 07 D	333/52
		333/72
		409/02
52	C 07 D	333/62
		333/64
		333/72
		409/02
53, 54	C 07 D	333/64
		333/72
		409/02
55	C 07 D	333/66
		333/72
		409/02
56	C 07 D	333/64
		333/72
		409/02
57	C 07 D	333/56
		333/66
		333/72
58	C 07 D	333/56
		333/72
		409/02
59, 60	C 07 D	409/00
61	C 07 D	333/38
62	C 07 D	333/32
		333/34
63	C 07 D	333/36
		333/42
64–66	C 07 D	333/32
		333/34
67	C 07 D	333/48
68	C 07 D	333/36
		333/42
69	C 07 D	333/36
70	C 07 D	333/22
71	C 07 D	333/38
72	C 07 D	333/22
73	C 07 D	333/22
		333/28
74, 75	C 07 D	333/12
		333/20
76, 77	C 07 D	333/22
78	C 07 D	333/16
		333/18
79	C 07 D	333/24
80	C 07 D	333/08
81, 82	C 07 D	333/28
83–85	C 07 D	333/08
		333/10
86	C 07 D	333/08
87	C 07 D	333/48
88	C 07 D	331/04
		409/00
		495/00
89	C 07 D	327/02
		327/10
		339/00
		341/00
		343/00
		409/00
		411/00
		495/00
		497/00
90	C 07 D	327/02
		331/02
		409/00
		411/00
		495/00
		497/00
200	C 07 D	321/00
201	C 07 D	305/00
		309/00
		311/00
		313/00
		319/00
		321/00
		323/00
		325/00
		407/00
202	C 07 D	301/36
		303/02
203	C 07 D	307/34
		309/32
		313/00
		493/00
204	C 07 D	307/26
		309/16
		313/00
		493/00
205	C 07 D	307/00
		317/00
		323/02
		493/00
206	C 07 F	
207	C 07 D	305/00
		307/00
		309/00
		313/00
		315/00
		317/00
		319/00
		323/00
		325/00
		329/00
		407/00
		493/00
208	C 07 D	303/02
		321/00
		407/00
		493/00
209	C 07 F	
210, 211	C 07 D	305/00
210	C 07 D	307/00
		309/00
		313/00
		315/00
		317/00
		319/00
		321/00
		323/00
		325/00
		329/00
		407/00
		493/00
212	C 07 D	311/00
		493/00
213	C 07 D	305/00
		309/00
		311/00
		313/00
		319/00
		321/00
		323/00
		325/00
		407/00
		493/00
	C 07 F	502/00
214	C 07 D	305/00
		309/00
		311/00
		313/00
		319/00
		321/00
		323/00
		323/04
		325/00
		407/00
		493/00
	C 07 F	7/02
215	C 07 D	303/02
	C 07 F	7/02
216, 217	C 07 F	9/28
218–222	C 07 F	9/06
		9/28
223	C 07 D	311/82
224	C 07 D	311/78
225–227	C 07 D	311/88
228227	C 07 D	319/00
228	C 07 D	321/00
		323/00
		407/00
		493/00
229, 230	C 07 D	317/08
		407/00
		493/00
231	C 07 D	305/00
		309/32
		313/00
		319/10
		321/00
		323/00
		325/00
		407/00
		493/00
232	C 07 D	311/00
		407/00
		493/00
233	C 07 D	307/60
234, 235	C 07 D	307/77
236	C 07 D	307/91
		307/92
		307/93
237, 238	C 07 D	307/94
239	C 07 D	493/00
240–246	C 07 D	307/77
		307/94
		407/00
		493/02
247–251	C 07 D	307/89
252	C 07 D	307/34
		407/00
253, 254	C 07 D	307/34
		307/56
255	C 07 D	307/36
256–261	C 07 D	307/34
262	C 07 D	307/36
263	C 07 D	305/00
		407/00
		493/00
264	C 07 D	305/00
		307/00
		309/00
		311/00
		313/00
		315/00
		317/00
		319/00
		321/00
		323/00
		407/00
		493/00
265	C 07 D	305/14
		307/94
		311/96
		313/06
		313/20
		317/72
		319/00
		323/00
		407/00
		493/00
266	C 07 D	313/00
267	C 07 D	321/00
		323/00
268	C 07 D	313/06
		313/20
		493/00
269, 270	C 07 D	313/06
		313/08
		313/20
		493/00
271, 272	C 07 D	313/04
		313/16
273	C 07 D	309/00
		407/00
274	C 07 D	319/00
		323/04
		407/00
275	C 07 D	311/00
		407/00
276–279	C 07 D	311/78
		407/00
		493/00
280, 281	C 07 D	311/78
		407/00
282	C 07 D	493/00
283–288	C 07 D	311/02
289, 290	C 07 D	311/04
		311/74
		311/76
291–293	C 07 D	309/30
294	C 07 D	309/38
295	C 07 D	307/02
		407/00
296	C 07 D	317/00
		323/00
		407/00
		493/00
297	C 07 D	307/77
		407/00
298	C 07 D	307/77
		407/00
299	C 07 D	307/77
		307/91
		307/92
		407/00
300	C 07 D	307/00
		307/94
		407/00
301	C 07 D	307/93
302	C 07 D	307/00
		307/93
		407/00
303–305	C 07 D	307/00
306	C 07 D	493/00
307–329	C 07 D	305/12
307–310	C 07 D	307/78
		307/87
		307/93
		407/00
311, 312	C 07 D	307/93
		407/00
313	C 07 D	307/32
		307/34
		307/56
314–317	C 07 D	307/62
318, 319	C 07 D	307/26
		307/34
		307/56
320319	C 07 D	407/00
321–326	C 07 D	307/26
		307/34
		307/56
330329	C 07 D	303/00
		305/00
		307/00
		309/00
		313/00
		313/06
		315/00
330	C 07 D	493/00
331	C 07 D	311/96
		313/06
		313/20
		315/00
332	C 07 D	303/00
		305/14
333	C 07 D	319/00
		321/00
		323/00
334	C 07 D	317/00
		319/00
		321/00
		323/00
		493/00
335	C 07 D	319/00
336	C 07 D	317/72
		319/72
		321/72
		323/72
		493/72
337	C 07 D	317/72
		325/00
		493/00
338	C 07 D	317/72
		493/00
339, 340	C 07 D	317/72
		319/00
		321/00
		323/00
		325/00
		493/00
341, 342	C 07 D	317/72
343, 342	C 07 D	307/00
343	C 07 D	311/00
		313/00
		493/00
344	C 07 D	307/77
		311/02
		313/00
		493/00
345	C 07 D	307/94
		311/96
		313/06
		313/16
346	C 07 D	313/00
		407/00
		493/00
347	C 07 D	321/00
		323/00
348–350	C 07 D	321/00
		321/10

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 549—Con.		
		321/12
		323/00
351350	C 07 D	493/00
352, 353	C 07 D	323/00
354, 355	C 07 D	313/00
356355	C 07 D	309/00
357355	C 07 D	319/02
358355	C D7 D	319/02
		319/08
		319/14
359, 360	C 07 D	319/02
		319/08
		319/22
		319/24
361, 360	C 07 D	323/04
361	C 07 D	493/00
362, 363	C 07 D	319/14
364	C 07 D	323/04
		493/00
365	C 07 D	319/02
		319/08
366	C 07 D	319/14
367	C 07 D	323/04
368	C 07 D	323/06
369	C 07 D	319/06
370	C 07 D	407/00
371–376	C 07 D	319/06
377–380	C 07 D	319/12
381–386	C D7 D	311/78
		311/94
387	C D7 D	493/00
388	C D7 D	311/82
389	C D7 D	311/92
390, 391	C 07 D	311/80
392–395	C 07 D	311/82
396395	C 07 D	311/02
397395	C 07 D	311/00
398–413	C 07 D	311/04
		311/74
		311/76
414	C 07 D	407/00
415–428	C 07 D	315/00
429428	C 07 D	309/00
430428	C 07 D	307/02
		317/00
		317/02
		317/08
431428	C 07 D	323/02
432, 433	C 07 D	317/70
434433	C 07 D	317/44
435433	C 07 D	317/44
		407/00
436–447	C 07 D	317/44
448–455	C 07 D	317/00
456, 457	C 07 D	307/77
		307/93
458	C 07 D	307/92
		307/93
459	C 07 D	307/00
		307/93
460, 461	C 07 D	307/91
462461	C 07 D	307/78
462	C 07 D	307/87
		307/93
463	C 07 D	307/00
464	C 07 D	493/00
465	C 07 D	307/93
466–471	C 07 D	307/78
		307/87
		307/93
472, 473	C 07 D	307/02
		315/00
		407/00
474–482	C 07 D	307/02
483–488	C 07 D	307/02
489488	C 07 D	307/48
		307/50
490488	C 07 D	307/48
491–509	C 07 D	307/02
510, 511	C 07 D	305/00
		407/00
		493/00
512511	C 07 D	303/00
		315/00
513511	C D7 D	301/00
514–517	C D7 D	301/27
518, 519	C D7 D	301/02
520–522	C 07 D	301/24
523	C 07 D	301/03
524	C 07 D	301/03
		301/06
525	C 07 D	301/14
526	C 07 D	301/16
527	C 07 D	301/18
528	C D7 D	301/14
529, 530	C 07 D	301/19
531530	C 07 D	301/12
532, 533	C D7 D	301/06
534	C D7 D	301/10
535–538	C 07 D	301/03
539, 540	C D7 D	301/00
541, 542	C D7 D	301/32
543, 544	C 07 D	303/06
		303/10
		303/17
		303/31
545–547	C 07 D	303/00
548547	C D7 D	303/32
548	C 07 D	303/38
549	C 07 D	303/38
550	C 07 D	303/02
551–553	C 07 D	303/08
		303/36
554–556	C 07 D	303/12
		303/34
557	C 07 D	303/12
		303/32
558, 559	C D7 D	303/08
		393/48
560, 561	C D7 D	303/12
562	C 07 D	303/12
		303/12
		303/34
563	C 07 D	303/08
		303/48

U.S. Class 556

Organic compounds

(IPC C 07)

U.S. Subclass	IPC Subclass	IPC Notation
400–403	C 07 F	7/02
404, 405	C 07 F	9/02
406	C 07 F	7/08
407	C 07 F	7/02
		7/10
		7/21
408	C 07 F	7/02
409	C 07 F	7/02
		7/10
		7/10
		7/21
410–412	C 07 F	7/02
		7/10
413–424	C 07 F	7/04
		7/10
424–481	C 07 F	7/04
		7/08
425	C 07 F	7/04
425424	C 07 F	7/10
425	C 07 F	7/21
426	C 07 F	7/04
427–432	C 07 F	7/04
		7/08
433, 434	C 07 F	7/04
		7/08
		7/21
435–438	C 07 F	7/04
		7/08
439	C 07 F	7/04
		7/08
		7/21
440–442	C 07 F	7/04
443	C D7 F	7/04
		7/08
		7/08
		7/18
444	C 07 F	7/04
		7/08
		7/18
		7/21
445–449	C D7 F	7/04
		7/08
		7/21
450, 451	C 07 F	7/04
		7/08
		7/18
452	C 07 F	7/04
		7/12
		7/21
453, 454	C 07 F	7/08
		7/18
455	C 07 F	7/04
		7/08
		7/18
456	C 07 F	7/08
457, 458	C D7 F	7/04
		7/08
		7/18
459	C 07 F	7/04
		7/08
460, 461	C D7 F	7/21
462–465	C D7 F	7/04
		7/08
466	C D7 F	7/04
		7/08
		7/20
467–471	C D7 F	7/04
		7/08
472, 473	C 07 F	7/04
		7/08
		7/16
482–485	C 07 F	7/04
486	C 07 F	7/04
		7/06
487	C D7 F	7/08
488	C D7 F	7/12
489	C D7 F	7/08

U.S. Class 560

Organic compounds

(IPC C 07 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07 C	69/74
5–7	C 07 C	69/74
8	C 07 C	69/76
9, 10	C D7 C	149/40
11	C 07 C	147/107
12, 13	C 07 C	143/67
		147/13
14	C 07 C	143/525
15	C 07 C	149/40
16	C 07 C	149/43
17, 18	C 07 C	149/40
19	C 07 C	101/00
20–23	C 07 C	79/46
24–33	C 07 C	125/06
34–36	C 07 C	101/00
37, 38	C 07 C	101/02
39	C 07 C	101/30
40	C 07 C	101/32
41	C 07 C	101/02
42	C 07 C	101/30
43, 44	C 07 C	101/44
45, 46	C 07 C	101/72
47, 48	C 07 C	101/44
		101/48
49, 50	C 07 C	101/00
51–54	C 07 C	69/76
		69/95
55–63	C 07 C	69/76
64–66	C 07 C	69/76
		69/84
		69/86
67–72	C 07 C	69/88
73–76	C 07 C	69/76
77	C 07 C	67/00
78, 79	C 07 C	67/48
80–91	C 07 C	69/76
92	C 07 C	67/02
		67/03
93	C 07 C	67/26
94	C 07 C	67/08
		67/22
95	C 07 C	67/76
96	C D7 C	67/00
97	C 07 C	67/36
98, 99	C 07 C	67/08
		67/14
100–112	C 07 C	69/76
113	C D7 C	69/76
		69/83
114	C 07 C	67/36
115	C 07 C	125/06
116–124	C D7 C	69/74
125	C D7 C	69/74
		79/44
		101/02
126–128	C D7 C	69/74
129, 130	C D7 C	69/00
131	C D7 C	67/00
132–137	C 07 C	125/04
		125/06
138–144	C D7 C	69/00
145	C 07 C	69/62
		69/66
		79/38
		101/02
		143/12
		149/20
146	C 07 C	69/34
147	C 07 C	149/20
148	C D7 C	125/06
149	C D7 C	143/12
150	C D7 C	147/02
151–154	C 07 C	149/20
155	C 07 C	101/02
156	C 07 C	79/40
157–167	C 07 C	125/06
168	C D7 C	101/02
		101/24
169	C D7 C	101/26
170	C 07 C	101/30
		101/34
171	C 07 C	101/20
172	C 07 C	101/02
		101/28
173	C 07 C	101/02
174	C 07 C	69/66
175	C 07 C	67/36
176, 177	C 07 C	69/66
178	C 07 C	69/72
179, 180	C 07 C	69/66
181	C 07 C	69/73
182	C 07 C	69/66
183	C 07 C	69/73
184–189	C 07 C	69/66
190	C 07 C	69/34
		69/52
191	C 07 C	67/48
192–199	C 07 C	69/34
		69/52
200	C 07 C	67/26
201	C 07 C	69/34
202	C 07 C	67/00
203	C 07 C	67/30
204	C 07 C	67/00
		67/36
205	C 07 C	69/52
206, 207	C 07 C	67/36
208	C 07 C	67/00
209	C 07 C	67/26
210	C 07 C	67/00
211–214	C 07 C	67/30
215	C 07 C	67/20
		67/22
216	C D7 C	67/00
217	C D7 C	67/02
		67/03
218	C 07 C	67/48
219	C 07 C	69/62
220–224	C 07 C	69/52
226–230	C 07 C	69/63
231	C 07 C	69/02
232	C 07 C	67/36
233	C 07 C	67/38
234, 235	C 07 C	67/02
236, 237	C 07 C	67/10
238, 239	C 07 C	67/00
240	C 07 C	67/24
241	C 07 C	67/00
241.1	C 07 C	27/10
		67/00
242	C 07 C	67/04
243–245	C 07 C	67/05
246, 247	C 07 C	67/04
248	C 07 C	67/48
249–266	C 07 C	67/02

U.S. Class 562

Organic compounds

(IPC C 07 C)

U.S. Subclass	IPC Subclass	IPC Notation
400	C 07 C	61/00
		61/08
401	C D7 B	55/00
		57/00
402	C D7 B	57/00
403, 404	C 07 C	61/29
405	C D7 C	63/00
		63/33
		63/337
		63/44
		63/64
		63/66
		65/00
406	C D7 C	51/10
		51/12
		51/14
407	C D7 C	51/16
408–417	C 07 C	51/16
		51/255
418–421	C 07 C	51/16
		51/23
422	C 07 C	51/16
423–425	C D7 C	51/15
426	C 07 C	149/40
		151/00
		157/09
427, 428	C 07 C	147/107
		147/11
		147/13
		149/40
		149/43
429	C 07 C	147/11
		149/107
430	C 07 C	147/13
431–432	C 07 C	149/40
		149/42
433	C D7 C	101/44
		101/48
434	C 07 C	79/46
		79/48
		81/08
435–438	C 07 C	79/46
		81/08
439	C 07 C	109/10
		109/18
		123/02
		127/00
		129/08
440	C 07 C	123/00
		131/00
441	C 07 C	101/42
		101/44
		101/48
		101/72
442, 443	C 07 C	101/42
444, 445	C 07 C	101/72
446	C 07 C	101/77
447, 448	C 07 C	101/72
449, 450	C 07 C	101/42
451, 452	C D7 C	101/72
453	C 07 C	101/72
		101/74
		101/75
454, 455	C 07 C	101/72
456, 457	C 07 C	101/44
458	C 07 C	101/48
459	C 07 C	59/74
		59/86
		62/38
		62/38

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 562—Con.		
		65/30
		65/32
460	C 07 C	59/76
		62/38
		65/32
461, 462	C 07 C	59/76
		59/84
		59/86
		62/36
		62/38
		65/30
		65/34
463, 464	C 07 C	59/90
		62/32
		65/40
465	C 07 C	59/00
		62/00
		65/00
466	C 07 C	62/06
		62/12
		62/30
		65/105
		65/24
		65/30
467	C 07 C	63/34
468, 469	C 07 C	59/40
		62/30
		63/33
470	C 07 C	59/48
		59/64
		59/84
		65/13
471	C 07 C	59/48
		59/64
		59/84
		65/03
472	C 07 C	59/56
		59/88
		65/00
473, 474	C 07 C	65/00
473–476	C 07 C	65/04
475, 476	C 07 C	65/01
477	C 07 C	65/10
478	C 07 C	65/01
479	C 07 B	37/06
	C 07 C	51/38
480	C 07 C	63/14
		63/307
		63/313
481	C 07 C	51/347
482	C 07 B	35/08
	C 07 C	63/14
		63/307
		63/313
483	C 07 C	51/00
		51/06
		51/09
484	C 07 C	51/08
485–487	C 07 C	51/42
488	C 07 C	63/33
		63/337
		63/46
		63/48
489	C 07 C	55/28
		57/34
490	C 07 C	63/36
491	C 07 C	63/33
492	C 07 C	63/33
		63/333
493	C 07 C	63/04
494	C 07 C	51/42
495	C 07 C	63/64
496	C 07 C	53/134
		57/30
497	C 07 C	51/10
		51/12
		51/14
498–502	C 07 C	61/12
		61/28
503	C 07 C	61/06
		61/16
		177/00
504	C 07 C	61/06
		61/20
505, 506	C 07 C	61/04
		61/16
		62/00
507	C 07 C	61/08
		61/10
		101/02
		147/00
		149/26
508	C 07 C	62/00
509	C 07 C	61/09
		61/10
		61/24
		61/26
		62/00
510	C 07 C	61/16
		61/22
		61/26
		62/30
511	C 07 C	61/00
512	C 07 C	53/00
512.2	C 07 C	27/10
		53/00
512.4	C 07 C	55/00
513	C 07 C	51/00
		51/42
514	C 07 C	99/00
515	C 07 C	51/00
516	C 07 C	99/02
517	C 07 C	51/10
		51/14
518	C 07 C	51/10
519	C 07 C	51/12
520–522	C 07 C	51/14
523	C 07 C	51/16
526	C 07 C	51/16
527	C 07 C	51/16
		51/245
528–530	C 07 C	51/245
531–536	C 07 C	51/16
		51/235
537	C 07 C	51/16
538	C 07 C	51/16
		51/235
		51/245
539	C 07 C	51/295
540	C 07 C	51/27
541	C 07 C	51/16
542	C 07 C	51/16
543	C 07 C	51/31
544–549	C 07 C	51/16
550–552	C 07 C	51/15
553	C 07 C	79/40
		81/08
		101/02
554	C 07 C	99/12
555	C 07 C	125/00
		125/02
556	C 07 C	147/02
		149/24
		163/00
557, 558	C 07 C	149/243
559	C 07 C	149/247
560	C 07 C	109/106
		109/18
		127/15
		129/08
		131/00
561–563	C 07 C	101/24
564	C 07 C	101/30
565, 566	C 07 C	101/26
567–570	C 07 C	101/30
571, 572	C 07 C	101/20
573	C 07 C	101/22
574, 575	C 07 C	101/04
576	C 07 C	101/08
577, 578	C 07 C	59/147
		59/185
		59/325
		59/347
		59/74
		59/76
579	C 07 C	59/00
580	C 07 C	51/42
581	C 07 C	147/02
		62/08
		62/34
582	C 07 C	59/245
583	C 07 C	59/125
		59/305
		59/58
584	C 07 C	59/265
585	C 07 C	59/255
586	C 07 C	59/00
587	C 07 C	59/10
		59/285
588	C 07 C	59/125
		59/305
		59/58
589	C 07 C	59/08
590	C 07 C	55/00
591	C 07 C	51/00
592	C 07 C	51/36
593	C 07 C	51/42
594	C 07 C	55/00
		147/02
		149/20
		163/00
		165/00
595	C 07 C	57/02
		57/18
596	C 07 C	55/02
597	C 07 C	55/06
598	C 07 C	57/02
		57/18
599	C 07 B	35/00
	C 07 C	51/00
600	C 07 C	51/42
601	C 07 C	57/10
602	C 07 C	53/15
		53/16
603	C 07 B	39/00
	C 07 C	51/00
604	C 07 C	51/00
605	C 07 B	53/21
606	C 07 B	53/00
607	C 07 B	53/08
		53/10
608	C 07 B	51/42
609	C 07 B	53/02
		53/04
		53/06

U.S. Class 564

Organic compounds

(IPC C 07 C)

U.S. Subclass	IPC Subclass	IPC Notation
1	C 07 C	87/34
2	C 07 C	85/26
3	C 07 C	85/26
		126/10
4–7	C 07 C	85/26
8, 9	C 07 F	5/02
10, 11	C 07 F	5/02
		5/05
12	C 07 F	9/02
13	C 07 F	9/65
14	C 07 F	9/22
		9/36
		9/44
15	C 07 F	9/02
		9/28
16	C 07 F	9/28
17	C 07 C	157/05
18–21	C 07 C	159/00
22	C 07 C	157/13
23	C 07 C	143/833
		157/12
24, 25	C 07 C	157/00
26–29	C 07 C	157/07
		157/09
30	C 07 C	157/05
31	C 07 C	157/00
32	C 07 C	127/01
33	C 07 C	127/00
34–37	C 07 C	133/02
38	C 07 C	127/24
39–43	C 07 C	143/833
		145/00
		145/04
44–46	C 07 C	127/22
47–55	C 07 C	127/19
56	C 07 C	127/17
57–62	C 07 C	127/15
63	C 07 C	127/01
64	C 07 C	126/04
65, 66	C 07 C	126/00
67, 68	C 07 C	126/02
69	C 07 C	126/067
70–72	C 07 C	126/02
73	C 07 C	126/08
74	C 07 C	153/05
75	C 07 C	155/04
76	C 07 C	155/10
77	C 07 C	153/057
78	C 07 C	153/05
79	C 07 C	161/00
80	C 07 C	143/77
81	C 07 C	143/825
82, 83	C 07 C	143/72
84	C 07 C	143/78
85	C 07 C	149/443
		149/453
		149/457
86	C 07 C	143/80
87–91	C 07 C	143/78
92, 93	C 07 C	143/822
94	C 07 C	143/78
95–99	C 07 C	143/74
100	C 07 C	145/02
101	C 07 C	145/00
		145/02
102	C 07 C	145/02
103	C 07 C	125/08
104	C 07 C	129/14
105, 106	C 07 C	125/08
107	C 07 C	111/00
108	C 07 C	119/00
		129/10
109–113	C 07 C	111/00
114	C 07 C	135/00
115	C 07 C	119/00
		123/00
		135/00
116–122	C 07 C	135/00
123	C 07 C	103/19
124, 125	C 07 C	102/00
126–131	C 07 C	102/08
132, 133	C 07 C	102/00
134–137	C 07 C	102/06
138–141	C 07 C	102/04
142–145	C 07 C	102/00
146	C 07 C	11/00
		102/00
147, 148	C 07 C	109/06
149, 150	C 07 C	109/10
151	C 07 C	109/08
152	C 07 C	103/19
153	C 07 C	103/00
154	C 07 C	103/00
		103/87
		149/23
		149/41
155	C 07 C	103/20
156	C 07 C	103/24
157	C 07 C	103/20
		103/28
158	C 07 C	103/20
		103/29
159	C 07 C	103/07
		103/10
		103/49
160	C 07 C	103/14
161	C 07 C	103/22
162	C 07 C	149/41
163	C 07 C	103/22
		103/28
164	C 07 C	103/28
165	C 07 C	103/29
166	C 07 C	103/22
167	C 07 C	103/29
168	C 07 C	103/22
		103/28
169	C 07 C	103/22
170–174	C 07 C	103/26
175	C 07 C	103/178
176–179	C 07 C	103/26
180–187	C 07 C	103/22
188–191	C 07 C	103/19
192	C 07 C	103/12
		149/23
193	C 07 C	103/12
		103/18
194, 195	C 07 C	103/34
		103/50
		103/58
		103/68
196	C 07 C	103/44
		103/50
		103/64
		103/68
197	C 07 C	103/34
		103/50
		103/58
		103/68
198	C 07 C	103/12
		103/18
199	C 07 C	103/12
200	C 07 C	103/34
		103/58
201	C 07 C	103/16
		103/175
202	C 07 C	103/34
		103/58
203	C 07 C	103/38
		103/60
204–206	C 07 C	103/133
207	C 07 C	103/58
208	C 07 C	103/60
209	C 07 C	103/127
210	C 07 C	103/37
211	C 07 C	103/34
212	C 07 C	103/34
		103/44
213	C 07 C	103/38
		103/40
214	C 07 C	103/34
215, 216	C 07 C	103/127
217	C 07 C	103/37
218	C 07 C	103/34
219	C 07 C	103/34
		103/44
220	C 07 C	103/44
221, 222	C 07 C	103/34
223	C 07 C	103/38
224	C 07 C	103/38
		103/44
225	C 07 C	123/00
226	C 07 C	123/02
227, 228	C 07 C	133/10
		133/12
229	C 07 C	131/00
230–232	C 07 C	128/00
		129/00
233–235	C 07 C	129/16
236	C 07 C	129/00
237–240	C 07 C	129/12
241	C 07 C	129/08
		129/12
242	C 07 C	129/08
243–247	C 07 C	123/00
248	C 07 C	119/00
249	C 07 C	109/00
250	C 07 C	109/12
		109/14
251	C 07 C	109/16
252	C 07 C	119/055
253–266	C 07 C	131/00
267	C 07 C	131/04
		131/10
268	C 07 C	131/00
269	C 07 C	11/02
		119/14
270	C 07 C	119/06
		119/14
271	C 07 C	119/10
		119/14
272–275	C 07 C	119/10
276, 277	C 07 C	119/10
		119/14
278, 279	C 07 C	119/08
		119/12

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 564—Con.		
280	C 07 C	83/00
		85/00
		87/00
		89/00
		91/00
		93/00
		95/00
		97/00
		149/28
281	C 07 C	87/32
		87/46
		91/26
		93/12
		95/06
		97/06
282–284	C 07 C	87/30
		87/68
283	C 07 C	91/26
		91/40
		93/08
		95/08
		97/10
287	C 07 C	91/38
		91/50
		93/06
		93/14
		95/08
		97/10
288	C 07 C	87/29
		87/68
289	C 07 C	87/30
		87/60
290	C 07 C	87/32
		87/60
291	C 07 C	87/30
		95/02
		97/02
292	C 07 C	91/26
		93/04
		93/10
		95/02
		97/02
293	C 07 C	91/26
		93/04
294	C 07 C	93/04
		93/10
		95/02
		97/02
295	C 07 C	87/30
		95/02
		97/02
296	C 07 C	85/00
		87/30
		95/02
		97/02
297–299	C 07 C	135/02
300, 301	C 07 C	83/00
302	C 07 C	82/00
303, 304	C 07 B	57/00
305	C 07 C	87/50
		87/50
		87/52
		87/58
306	C 07 C	87/04
		87/24
		87/34
		87/34
		87/40
		87/451
		87/453
307	C 07 C	87/452
		87/50
308	C 07 C	87/40
		87/453
		87/64
309	C 07 C	87/50
310–314	C 07 C	109/04
315	C 07 C	87/50
		87/64
	C 09 B	11/02
316	C 07 C	87/28
	C 09 B	11/02
317, 318	C 07 C	93/08
		149/42
317	C 09 B	11/02
319	C 07 C	95/08
		97/10
	C 09 B	11/02
320	C 07 C	93/08
	C 09 B	11/02
321	C 07 C	87/28
	C 09 B	11/02
322	C 07 C	87/50
		87/64
	C 09 B	11/02
323	C 07 C	87/28
	C 09 B	11/02
324, 325	C 07 C	93/06
		149/32
	C 09 B	11/02
326	C 07 C	87/50
		87/64
	C 09 B	11/02
327	C 07 C	91/40
	C 09 B	11/02
328, 329	C 07 C	97/10
	C 09 B	11/02
330–334	C 07 C	87/50
	C 09 B	11/02
335	C 07 C	87/60
		149/42
	C 09 B	11/02
336–338	C 07 C	87/28
339	C 07 C	91/16
		93/12
		95/08
		97/10
340	C 07 C	149/24
		149/42
341	C 07 C	149/42
342–345	C 07 C	95/08
		97/10
346	C 07 C	93/08
347–349	C 07 C	93/06
350	C 07 C	93/06
		93/14
351–354	C 07 C	93/06
355	C 07 C	91/16
		93/08
356–358	C 07 C	85/11
		85/12
		91/16
		93/08
359	C 07 C	85/20
		91/16
		93/08
360	C 07 C	91/18
		93/08
361, 362	C 07 C	91/34
363, 364	C 07 C	91/16
365	C 07 C	91/34
		93/14
366	C 07 C	87/28
367–372	C 07 C	87/28
		87/48
373, 374	C 07 C	87/28
375	C 07 C	85/11
		85/12
376	C 07 C	85/04
377	C 07 C	85/20
378	C 07 C	87/28
		87/455
379	C 07 C	87/28
		87/458
380	C 07 C	87/29
		87/458
381, 382	C 07 C	87/28
383	C 07 C	87/29
384	C 07 C	87/28
385	C 07 C	85/11
		85/12
386	C 07 C	85/04
		85/20
387	C 07 C	87/28
		87/455
388	C 07 C	87/28
389	C 07 C	91/30
		93/14
390	C 07 C	91/30
391, 392	C 07 C	87/28
393	C 07 C	85/02
		85/20
		85/24
394	C 07 C	85/02
		85/24
395	C 07 C	85/02
396	C 07 C	85/02
		85/18
397, 398	C 07 C	85/08
399, 400	C 07 C	89/02
401–403	C 07 C	85/06
404–407	C 07 C	85/04
408	C 07 C	85/04
		85/18
409–412	C 07 C	85/24
413	C 07 C	85/02
414	C 07 C	85/02
		85/153
415	C 07 C	85/00
		85/11
		85/121
416, 417	C 07 C	85/11
418	C 07 C	85/11
		89/00
419	C 07 B	43/02
	C 07 C	76/02
		85/11
420–423	C 07 C	85/11
424, 425	C 07 C	85/26
426, 428	C 07 C	87/64
429	C 07 C	87/66
430	C 07 C	93/14
		149/42
431, 432	C 07 C	87/50
433	C 07 C	87/50
		87/54
434, 435	C 07 C	87/50
437–439	C 07 C	85/26
440	C 07 C	149/42
441, 442	C 07 C	87/60
443	C 07 C	91/40
		91/42
444	C 07 C	85/145
		87/32
		87/45
445	C 07 C	85/02
446	C 07 C	85/02
		85/08
447	C 07 C	85/06
448	C 07 C	85/11
		85/12
		85/18
449	C 07 C	85/11
		85/24
450, 451	C 07 C	85/24
452	C 07 C	87/40
		87/453
453–455	C 07 C	87/32
		87/45
456–458	C 07 C	87/40
		87/453
459	C 07 C	87/40
		87/453
		87/47
460	C 07 C	87/40
		87/453
461	C 07 C	87/32
		87/45
462	C 07 C	87/36
		87/452
463	C 07 C	87/06
		87/22
464–466	C 07 C	109/02
467	C 07 C	85/00
468	C 07 C	85/02
		85/02
		85/24
469, 470	C 07 C	85/02
471	C 07 C	85/02
		85/18
472, 473	C 07 C	85/08
474	C 07 C	85/02
475	C 07 C	89/02
476	C 07 C	85/04
		89/02
477	C 07 C	89/02
478–480	C 07 C	85/06
481–484	C 07 C	85/04
485	C 07 C	85/02
		85/18
486–488	C 07 C	85/20
489	C 07 C	85/11
490–493	C 07 C	85/12
494, 495	C 07 C	85/11
496	C 07 C	85/24
497–499	C 07 C	85/26
500, 501	C 07 C	149/14
502	C 07 C	95/02
		97/02
503	C 07 C	91/04
		91/12
504, 505	C 07 C	93/04
506, 507	C 07 C	91/10
		91/12
508	C 07 C	93/04
509	C 07 C	87/24
510	C 07 C	87/22
511	C 07 C	87/14
512	C 07 C	87/20

U.S. Class 568
Organic compounds
(IPC C 07)

U.S. Subclass	IPC Subclass	IPC Notation
1–7	C 07 F	5/02
		9/02
8–17	C 07 F	9/02
18, 19	C 07 C	147/00
		148/00
		148/04
		161/00
20	C 07 C	151/00
21–26	C 07 C	149/00
		149/12
		149/26
		149/30
27–37	C 07 C	147/00
38–73	C 07 C	148/00
		149/00
74	C 07 C	148/00
		149/00
		161/00
300	C 07 C	
301, 302	C 07 C	45/87
		49/00
		49/88
301	C 07 C	49/90
303	C 07 C	49/00
		49/105
		49/21
		49/385
		49/587
304	C 07 C	45/78
305–307	C 07 C	79/36
		81/06
308	C 07 C	49/213
		49/225
		49/563
		49/76
309–324	C 07 C	45/00
325	C 07 C	49/105
		49/163
		49/213
		49/225
		49/233
		49/245
		49/563
		49/657
		49/697
		49/747
		49/792
326–328	C 07 C	49/115
		49/215
		49/782
		49/796
		49/813
		49/83
329, 330	C 07 C	49/23
		49/237
		49/252
331–337	C 07 C	49/76
		49/786
		49/82
		49/825
		49/84
338–366	C 07 C	45/00
367–381	C 07 C	49/105
		49/293
		49/297
		49/385
		49/403
		49/413
		49/417
		49/433
		49/437
		49/587
		49/613
382	C 07 C	49/04
		49/20
383–411	C 07 C	45/00
398.8	C 07 B	41/04
	C 07 C	27/10
		45/00
		45/27
		45/32
412–413	C 07 C	49/12
		49/17
		49/175
414–416	C 07 C	49/04
		49/17
		49/175
417, 418	C 07 C	49/04
		49/20
419	C 07 C	49/167
		49/173
		49/227
420	C 07 C	47/00
421, 422	C 07 C	47/00
		47/02
		47/04
		47/058
		47/09
423, 424	C 07 C	79/36
		81/06
425	C 07 C	47/52
		47/54
		47/542
426–438	C 07 C	45/00
		45/90
439–441	C 07 C	47/52
		47/546
		47/57
442	C 07 C	47/56
		47/565
		47/575
443–447	C 07 C	45/00
		47/28
		47/38
		47/42
448	C 07 C	47/02
449–493	C 07 C	45/00
469.9	C 07 B	41/00
	C 07 C	27/10
		45/00
		45/27
		45/32
494–497	C 07 C	47/02
		47/12
		47/14
		47/19
		47/198
		47/26
557	C 07 C	41/00
		43/00
558–567	C 07 C	179/00
		179/06
		179/14
568–576	C 07 C	179/02
577, 578	C 07 C	179/00
579	C 07 C	41/00
		43/00
580–582	C 07 C	41/12
583–590	C 07 C	43/00
		79/34
591–601	C 07 C	43/30

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 568—Con.		
		43/32
602	C 07 C	47/10
603–605	C 07 C	43/30
		43/32
606–625	C 07 C	43/11
		43/18
		43/20
626–663	C 07 C	41/00
		43/02
		43/20
664–670	C 07 C	41/00
		43/02
		43/18
671–699	C 07 C	41/00
		41/12
		43/00
700	C 07 C	27/10
		29/10
		35/00
		35/02
		35/04
701	C 07 C	27/26
		29/94
702, 703	C 07 C	27/26
		29/94
		37/88
704	C 07 C	79/16
		79/18
		79/20
705	C 07 C	79/22
706	C 07 C	79/22
		79/24
		79/26
707, 708	C 07 C	79/22
709	C 07 C	79/32
710	C 07 C	79/30
711	C 07 C	79/28
712, 713	C 07 C	79/16
		79/18
714	C 07 C	35/42
715	C 07 C	33/18
		33/34
716	C 07 C	39/00
		39/02
		39/04
717	C 07 C	39/12
718	C 07 C	39/12
		39/16
719, 720	C 07 C	39/12
721	C 07 C	39/17
722	C 07 C	39/12
723	C 07 C	39/16
724, 725	C 07 C	37/68
726	C 07 C	39/16
727	C 07 C	39/12
728	C 07 C	39/16
729–734	C 07 C	39/12
735, 736	C 07 C	39/14
737	C 07 C	39/38
738	C 07 C	37/04
739	C 07 C	37/02
740	C 07 C	37/00
		37/06
741	C 07 C	37/00
742	C 07 C	37/68
743	C 07 C	39/17
744–747	C 07 C	39/12
748, 757	C 07 C	37/68
758–762	C 07 C	37/22
758	C 07 C	37/82
759–762	C 07 C	37/68
763–765	C 07 C	39/10
766	C 07 C	37/12
		39/06
		39/10
767	C 07 C	37/00
		37/045
768	C 07 C	37/08
769	C 07 C	37/04
770	C 07 C	37/00
		37/02
771	C 07 C	37/00
772	C 07 C	37/00
		37/06
773	C 07 C	37/00
774, 775	C 07 C	39/24
		39/34
776, 777	C 07 C	39/32
		39/34
		39/36
778, 779	C 07 C	39/24
780	C 07 C	39/06
		39/18
781	C 07 C	39/06
782, 783	C 07 C	37/00
		39/06
784	C 07 C	39/06
785–794	C 07 C	37/12
		37/14
		37/16
		37/18
		37/20
795	C 07 C	37/00
		37/04
796, 797	C 07 C	37/00
		37/02
798	C 07 C	37/08
799	C 07 C	37/00
		37/06
800–806	C 07 C	37/00
807–809	C 07 C	33/34
		33/36
		33/38
810	C 07 C	29/74
811	C 07 C	33/26
		33/28
812	C 07 C	33/46
813	C 07 C	33/28
814	C 07 C	27/00
		27/04
		29/00
815	C 07 C	27/00
		27/10
		29/00
816	C 07 C	35/21
817, 818	C 07 C	35/22
819, 820	C 07 C	35/22
		35/24
		35/26
		35/28
		35/30
821	C 07 C	35/20
822	C 07 C	35/08
823–827	C 07 C	35/18
828	C 07 C	35/08
829	C 07 C	35/12
830	C 07 C	27/00
		29/00
		35/12
831	C 07 C	31/13
832	C 07 C	35/08
833	C 07 C	35/14
		35/16
834	C 07 C	35/08
835	C 07 C	29/20
		35/08
836, 837	C 07 C	35/08
838	C 07 C	35/06
839	C 07 C	35/04
840	C 07 C	29/00
		31/00
		31/02
		33/00
841, 842	C 07 C	31/34
843	C 07 C	33/42
844	C 07 C	31/34
845	C 07 C	33/42
846–848	C 07 C	29/00
		31/34
849	C 07 C	33/42
850	C 07 C	29/00
		31/34
851	C 07 C	31/30
852	C 07 C	31/18
853	C 07 C	31/18
		31/24
854	C 07 C	27/26
		29/74
855	C 07 C	31/18
		33/04
856	C 07 C	27/26
		29/74
857	C 07 C	31/18
		33/02
858	C 07 C	27/00
		27/02
859	C 07 C	27/00
		29/00
		31/13
860	C 07 C	29/03
		31/18
861	C 07 C	27/00
		29/00
		31/18
862	C 07 C	27/04
		29/14
		31/18
863	C 07 C	27/00
		27/04
		29/00
		29/14
		31/18
864	C 07 C	27/00
		27/04
		31/18
865, 866	C 07 C	27/00
		29/00
		31/18
867	C 07 C	27/00
		29/00
868	C 07 C	27/26
		29/74
		31/18
869, 870	C 07 C	27/26
		29/74
		31/22
871, 872	C 07 C	27/26
		29/74
873, 874	C 07 C	33/04
875	C 07 C	35/00
876	C 07 C	27/00
		27/02
877	C 07 C	27/02
878, 879	C 07 C	27/00
		27/18
880–882	C 07 C	29/14
883	C 07 C	29/16
884, 885	C 07 C	27/04
886	C 07 C	29/12
887	C 07 C	29/10
888	C 07 C	29/12
		31/04
		31/12
889	C 07 C	29/12
		31/10
890	C 07 C	29/12
		31/08
891	C 07 C	27/00
		29/00
892	C 07 C	33/02
893, 894	C 07 C	27/00
		29/00
895–897	C 07 C	29/04
898	C 07 C	27/08
899	C 07 C	29/06
900, 901	C 07 C	29/04
902	C 07 C	27/00
		29/00
903	C 07 C	27/00
		27/04
		29/00
904–906	C 07 C	27/00
		29/00
907	C 07 C	27/00
		27/18
		29/00
		29/10
908	C 07 C	33/02
909	C 07 C	27/20
		27/22
		27/24
		29/15
910–912	C 07 C	27/10
		27/12
		27/14
		27/16
910.5	C 07 B	41/02
	C 07 C	27/10
		29/48
913	C 07 C	27/26
		29/74
914–916	C 07 C	27/26
		29/88
917	C 07 C	27/34
		29/76
918–919	C 07 C	27/34
918, 919	C 07 C	29/86
920–922	C 07 C	27/26
		29/74
923	C 07 C	27/26
		29/78
924–925	C 07 C	76/02
		76/06
		79/00
		79/02
926	C 07 C	
927–940	C 07 C	79/10
941, 942	C 07 C	79/08
943–948	C 07 C	79/04
		79/06
949	C 07 C	81/00
		81/02
950–957	C 07 B	410/00
	C 07 C	27/10
958	C 07 C	27/26
959	C 07 C	27/00

U.S. Class 570

Organic compounds

(IPC C 07 C)

U.S. Subclass	IPC Subclass	IPC Notation
101	C 07 C	17/00
		19/00
		21/00
		23/00
		250/00
102–122	C 07 C	17/42
123	C 07 C	17/00
		19/08
		21/18
		23/00
		25/13
124	C 07 C	19/08
		21/18
		23/00
125, 126	C 07 C	17/02
		17/04
		17/08
		21/18
127–133	C 07 C	19/08
		21/24
		25/13
135, 136	C 07 C	21/18
137	C 07 C	19/00
		19/07
		19/08
		21/14
		21/16
		21/18
138, 139	C 07 C	17/00
		17/02
		17/04
		17/08
		21/18
140–142	C 07 C	19/08
		21/18
143–147	C 07 C	21/24
		25/13
148, 149	C 07 C	19/08
		21/18
		23/00
150	C 07 C	17/00
		19/08
		21/18
		21/20
		21/22
151	C 07 C	17/00
		19/08
		21/18
		23/00
		25/00
152	C 07 C	17/33
		19/08
		21/18
		21/20
		21/22
153	C 07 C	17/00
		17/02
		17/04
		21/18
		21/20
		21/22
154	C 07 C	17/02
		17/04
		17/08
		21/22
155–158	C 07 C	17/00
		17/34
		19/08
		21/18
159	C 07 C	17/02
		17/04
		17/08
		21/18
160	C 07 C	17/20
		21/18
		21/20
161	C 07 C	17/00
		19/08
		21/18
162	C 07 C	17/00
		19/08
		21/18
		21/20
		21/22
163	C 07 C	17/00
		19/08
		21/18
		23/00
		25/13
164–169	C 07 C	17/00
		17/08
		19/08
170	C 07 C	17/20
		19/08
171	C 07 C	17/26
		17/28
		17/30
		17/32
172	C 07 C	17/28
		21/18
173	C 07 C	17/33
		19/08
		21/18
		21/20
		21/22
174	C 07 C	17/00
		19/07
		19/08
175	C 07 C	17/00
		19/08
		21/18
		21/20
		21/22
176	C 07 C	17/10
		19/08
		21/18
		21/20
		21/22
177–180	C 07 C	17/38
181	C 07 C	17/00
		19/00
		21/00
		23/00
		25/00
182–185	C 07 C	21/24
		25/00
186	C 07 C	17/00
		19/08
		21/18
		23/00
187, 188	C 07 C	17/00
		19/08
		21/18
		23/18

U.S. Subclass	IPC Subclass	IPC Notation
U.S. Class 570—Con.		
189	C 07 C	21/18
		21/20
		21/22
190–210	C 07 C	17/00
		21/24
		25/00
211	C 07 C	17/38
		21/24
		25/00
212–215	C 07 C	17/00
		19/00
		23/00
		25/00
216, 217	C 07 C	17/00
		17/02
		17/04
		17/08
		21/00
		23/00
218	C 07 C	17/33
		21/00
219	C 07 C	17/02
		17/04
		17/08
		21/00
		23/00
220	C 07 C	17/34
		21/00
		21/02
221	C 07 C	17/34
		21/22
222	C 07 C	17/156
223	C 07 C	17/15
		17/152
		17/154
		17/158
224, 225	C 07 C	17/15
		17/152
		17/158
226–229	C 07 C	17/34
		21/00
		21/02
		21/02
230	C 07 C	17/10
		21/00
		21/02
		21/19
231	C 07 C	17/02
		17/04
		17/06
		17/08
		21/00
		21/02
232, 233	C 07 C	17/02
		17/04
		17/06
		17/08
		21/00
		21/02
		21/22
234	C 07 C	17/10
		17/16
		17/18
		17/22
		21/00
		21/02
		21/02
		21/22
235	C 07 C	17/00
		21/00
236	C 07 C	17/00
		19/00
		21/00
		21/02
		21/19
		21/22
237	C 07 C	17/26
		17/38
		21/00
		21/02
		21/19
		21/22
238, 239	C 07 C	17/38
		21/00
		21/02
240	C 07 C	17/00
		19/00
241	C 07 C	17/00
		19/00
		21/00
242	C 07 C	17/08
		19/00
		21/00
		21/02
		21/19
		21/22
243–245	C 07 C	17/15
		17/152
		17/154
		17/158
		19/00
246, 247	C 07 C	17/02
		17/04
		17/08
		17/10
		21/00
		23/00
		25/00
248, 250	C 07 C	17/08
		21/00
		23/00
		25/00
251	C 07 C	17/02
		17/04
		17/08
		17/10
		21/00
		23/00
		25/00
252–255	C 07 C	17/10
		17/16
		17/18
		17/22
		19/00
256	C 07 C	17/00
		19/00
		21/00
		23/00
257	C 07 C	17/26
		17/28
		17/30
		17/32
		19/00
258	C 07 C	17/00
		17/16
		19/00
259	C 07 C	17/00
		19/00
260	C 07 C	17/20
		19/00
261	C 07 C	17/00
		17/36
		19/00
		23/00
262, 263	C 07 C	17/38
264	C 07 C	17/42

U.S. Class 585

Chemistry, hydrocarbons

(IPC C 07 C)

U.S. Subclass	IPC Subclass	IPC Notation
1–5	C 07 C	7/20
	C 10 L	
	C 10 M	
		105/02
		109/00
		111/00
		115/02
		119/00
		121/00
		127/00
		159/00
6	C 10 L	3/00
6.3, 6.6	H 01 B	3/22
7–14	C 10 L	1/16
		5/00
	C 10 M	101/02
		107/00
		143/00
		165/00
		167/00
		169/00
		171/00
15	C 07 C	9/00
16	C 07 C	9/00
		11/00
17	C 07 C	13/00
18	C 07 C	9/00
		11/00
19	C 07 C	15/00
20	C 07 C	13/00
21, 22	C 07 C	13/615
23	C 07 C	13/00
24	C 07 C	13/00
		13/00
		15/00
		15/00
25	C 07 C	15/12
26	C 07 C	13/465
		13/48
		15/20
27	C 07 C	13/465
240–241	C 07 C	1/00
		4/00
250, 251	C 07 C	5/00
252	C 07 C	5/373
253	C 07 C	5/22
254	C 07 C	5/00
255	C 07 C	2/74
256	C 07 C	4/22
257	C 07 C	5/02
258	C 07 C	7/163
259–262	C 07 C	5/03
		5/08
		7/163
		7/167
263–265	C 07 C	5/00
266	C 07 C	5/10
		13/465
267	C 07 C	5/00
268	C 07 C	5/03
		5/10
269	C 07 C	5/10
270	C 07 C	5/10
271–274	C 07 C	5/05
275–277	C 07 C	5/02
		5/03
300–332	C 07 C	1/00
		2/00
		4/00
		5/00
		6/00
350	C 07 C	13/00
351	C 07 C	175/00
353	C 07 C	4/08
		5/29
		5/31
		13/00
354	C 07 C	5/31
		13/15
355–356	C 07 C	5/31
		13/18
		13/20
		13/23
		175/00
357–358	C 07 C	1/20
		1/32
359	C 07 C	1/253
360	C 07 C	2/76
		13/28
		175/00
361	C 07 C	2/50
362	C 07 C	175/00
363	C 07 C	5/25
364	C 07 C	2/42
365	C 07 C	5/31
366–370	C 07 C	2/42
		13/02
371	C 07 C	2/42
372–374	C 07 C	4/06
375–376	C 07 C	2/02
377–378	C 07 C	5/23
379	C 07 C	5/32
380	C 07 C	5/42
400–403	C 07 C	15/02
		175/00
404	C 07 C	2/02
		2/64
		4/02
		6/06
405	C 07 C	2/66
406	C 07 C	2/74
		13/28
		15/52
407	C 07 C	15/393
408	C 07 C	11/20
		11/32
409	C 07 C	11/253
410	C 07 C	12/64
411	C 07 C	12/00
		12/02
		12/66
412–413	C 07 C	12/00
414	C 07 C	15/42
415–416	C 07 C	12/02
		12/42
417–421	C 07 C	2/52
		12/46
422–424	C 07 C	2/02
		6/12
		13/28
425	C 07 C	2/02
		13/38
		15/14
426	C 07 C	2/02
		15/12
427	C 07 C	2/02
428–429	C 07 C	2/72
430	C 07 C	5/367
		13/00
		15/00
		15/16
431–432	C 07 C	5/32
		15/20
433	C 07 C	5/42
434	C 07 C	5/41
435	C 07 C	5/09
		15/40
436	C 07 C	1/253
437	C 07 C	1/20
		1/32
438	C 07 C	15/46
439	C 07 C	4/24
440–443	C 07 C	4/02
		5/333
		5/367
		5/393
444–445	C 07 C	2/64
		4/06
446–453	C 07 C	2/64
		15/067
454	C 07 C	1/00
		1/20
		2/86
455	C 07 C	2/64
		15/107
456–457	C 07 C	2/66
458	C 07 C	2/66
		2/70
459–463	C 07 C	2/70
464–465	C 07 C	2/68
		2/70
466–468	C 07 C	2/68
469	C 07 C	1/20
470–475	C 07 C	5/22
		5/52
		15/12
476	C 07 C	4/24
		4/26
		5/29
		5/31
477–482	C 07 C	5/22
483–489	C 07 C	4/12
500–501	C 07 C	2/00
		5/00
502–508	C 07 C	2/02
509	C 07 C	2/18
		2/36
510	C 07 C	2/04
511	C 07 C	2/26
		2/34
512–516	C 07 C	2/24
517–533	C 07 C	2/02
534–537	C 07 C	2/00
		4/04
		5/32
538–539	C 07 C	2/02
		4/02
		5/34
540	C 07 C	2/78
		4/06
		5/34
541	C 07 C	2/78
		5/36
600	C 07 C	2/00
		4/00
		5/00
		11/21
601–602	C 07 C	2/76
		2/78
		5/08
		11/00
603	C 07 C	1/00
604–605	C 07 C	1/20
		1/32
606–611	C 07 C	1/20
		1/253
612	C 07 C	1/26
613	C 07 C	4/02
614–615	C 07 C	2/78
		4/04
		4/06
		11/16
		11/167
		11/18
		11/20
616–633	C 07 C	5/09
		5/327
634	C 07 C	2/00
		5/00
637	C 07 C	2/88
638–642	C 07 C	1/00
643–647	C 07 C	6/00
648–653	C 07 C	4/02
654–658	C 07 C	5/327
		5/373
659–663	C 07 C	5/333
664–670	C 07 C	5/23
		5/25
671	C 07 C	5/22
		5/27
700–707	C 07 C	2/00
		4/00
		5/00
708	C 07 C	6/08
709–720	C 07 C	2/56
721–732	C 07 C	2/58
733	C 07 C	1/00
734–751	C 07 C	5/13
752	C 07 C	4/02
		4/08
		6/00
800–811	C 07 C	7/00
812–817	C 07 C	7/14
818–819	C 07 C	7/144
820–831	C 07 C	7/12
832	C 07 C	7/148
		7/177
833–844	C 07 C	7/10
845–849	C 07 C	7/148
850	C 07 C	7/152
851–855	C 07 C	7/00
856–859	C 07 C	7/17
860–868	C 07 C	7/00
899	C 07 C	7/20

U.S. Class 603

Prosthesis ● i.e. artificial body members ● parts, aids, accessories therefo

(IPC A 61 F)

U.S. Subclass	IPC Subclass	IPC Notation
1	A 61 F	2/06

U.S. Class 603—Con.

U.S. Subclass	IPC Subclass	IPC Notation
2	A 61 F	2/24
3	A 61 F	2/22
4, 5	A 61 F	2/14
6	A 61 F	2/16
7	A 61 F	2/52
8	A 61 F	2/12
9	A 61 F	2/20
10	A 61 F	2/18
11	A 61 F	2/02
12	A 61 F	2/04
13, 14	A 61 F	2/08
15	A 61 F	2/10
16	A 61 F	2/28
17	A 61 F	2/44
18	A 61 F	2/30
19	A 61 F	2/40
20	A 61 F	2/38
21	A 61 F	2/42
22	A 61 F	2/32
23	A 61 F	2/36
24	A 61 F	2/48
		2/68
25	A 61 F	2/70
26	A 61 F	2/72
27	A 61 F	2/74
28	A 61 F	2/60
		3/00
29	A 61 F	2/60
		2/62
		3/00
30	A 61 F	2/60
		2/78
31	A 61 F	2/60
		2/68
32, 33	A 61 F	2/60
		2/78
34–38	A 61 F	2/80
39	A 61 F	2/62
40	A 61 F	2/64
41–46	A 61 F	2/64
		2/68
47	A 61 F	2/64
48–50	A 61 F	2/66
51–53	A 61 F	2/66
		2/68
54–57	A 61 F	2/66
58	A 61 F	2/54
59	A 61 F	2/54
		2/68
		2/78
60	A 61 F	2/58
61	A 61 F	2/58
		2/68
62	A 61 F	2/58
63	A 61 F	2/58
		2/68
64, 65	A 61 F	2/54
		2/68
66	A 61 F	2/54
67	A 61 F	2/00
		2/02
		2/50
900	A 61 F	2/24
		2/76

U.S. Class 604

S URGERY

(IPC A 61 A)

U.S. Subclass	IPC Subclass	IPC Notation
1–3	A 61 M	35/00
4–6	A 61 M	37/00
7–10	A 61 M	5/00
11–18	A 61 F	13/20
19–21	A 61 N	1/30
22	A 61 B	17/20
23–26	A 61 M	37/00
27–35	A 61 M	1/00
36–38	A 61 M	5/18
39–42	A 61 M	7/00
43–45	A 61 M	3/00
46, 47	A 61 B	17/20
	A 61 M	37/00
48–57	A 61 M	31/00
58	A 61 M	13/00
59–67	A 61 M	31/00
68–72	A 61 M	5/30
73–76	A 61 M	1/06
77–79	A 61 J	7/00
80, 81	A 61 M	5/14
82–92	A 61 M	37/00
93, 94	A 61 M	11/00
95	A 61 M	37/00
96–109	A 61 M	29/00
110–112	A 61 M	5/00
113, 114	A 61 F	7/12
	H 05 B	/00
115–117	A 61 M	5/00
118–129	A 61 M	1/00
130	A 61 M	5/20
131–133	A 61 M	37/00
134–139	A 61 M	5/20
140–145	A 61 M	37/00
146	A 61 M	1/00
147–150	A 61 M	37/00
151–153	A 61 M	1/00
154, 155	A 61 M	37/00
156, 157	A 61 M	5/20
158–161	A 61 M	5/18
162, 163	A 61 M	5/32
164–170	A 61 M	5/18
171–173	A 61 M	5/00
174–180	A 61 M	5/32
181, 182	A 61 M	5/00
183–186	A 61 M	5/18
187, 188	A 61 M	5/00
189	G 09 F	30/00
190	A 61 M	5/00
191	A 61 M	5/08
192–199	A 61 M	5/32
200–206	A 61 M	5/24
		5/28
207–211	A 61 M	5/00
212–217	A 61 M	5/18
218–231	A 61 M	5/315
232–235	A 61 M	5/245
236–238	A 61 M	5/315
239	A 61 M	5/325
240–243	A 61 M	5/325
244	A 61 M	5/245
245–250	A 61 M	5/005
251–255	A 61 M	5/165
256	A 61 M	5/005
257–262	A 61 M	5/185
263	A 61 M	5/325
264–266	A 61 M	5/325
		25/005
267–269	A 61 M	5/005
270	A 61 M	31/005
271	A 61 M	5/00
272–274	A 61 M	5/32
275–279	A 61 M	31/00
280–284	A 61 M	25/00
285–287	A 61 M	31/00
288	A 61 K	9/02
	A 61 M	31/00
289, 290	A 61 M	35/00
291	A 61 F	7/00
292–300	A 61 M	35/00
301–303	A 61 H	33/04
304–306	A 61 F	13/00
307	A 61 F	13/02
308	A 61 F	13/00
309–311	A 61 M	35/00
312	A 61 F	7/00
313–316	A 61 M	1/00
317–327	A 61 M	1/00
328–355	A 61 F	5/44
356, 357	A 61 B	19/00
358–386	A 61 F	13/16
		13/18
		13/20
387–402	A 61 F	13/16
403–410	A 61 B	19/00
411–416	A 61 B	19/00
	A 61 M	5/32
890–895	A 61 K	9/22
*896, 897	A 61 K	9/00

U.S. Class 901

Robots

(IPC B 25 J)

U.S. Subclass	IPC Subclass	IPC Notation
1	B 25 J	5/00
2–4	B 25 J	9/00
5	B 25 J	9/00
		13/06
6–8	B 25 J	11/00
9, 10	B 25 J	9/00
11–27	B 25 J	11/00
28	B 25 J	17/00
29	B 25 J	17/02
30	B 25 J	11/00
31	B 25 J	15/00
32–35	B 25 J	15/02
36–39	B 25 J	15/00
40	B 25 J	15/06
41–45	B 25 J	11/00
46–49	B 25 J	19/00
50	B 25 J	11/00

U.S. Class 935

Genetic engineering: recombinant dna-hybrid/fused cell-nucletic acids tec

(IPC C 12 N)

U.S. Subclass	IPC Subclass	IPC Notation
1–111	C 12 N	15/00

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